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Conceptual Site Model and Fieldwork Report

for

Ammunition Burning Grounds (SWMU 3)

Volume II of II - Appendices

Naval Surface Warfare Center Crane

Crane, Indiana

NAVFAC
Naval Facilities Engineering Command

Southern Division
Naval Facilities Engineering Command

Contract Number N62467-94-D-0888

Contract Task Order 0311

February 2005

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APPENDICES

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APPENDIX A

ABG MTA AND OJT

HISTORICAL SOIL AND

GROUND WATER RESULTS

1993 and 1995 ARMY CORP SOIL MONITORING RESULTS

1993 SOIL[illegible]PLE RESULTS
SWMU 3 - AMMUN[illegible] BURNING GROUNDS
NSWC CRANE
CRANE, INDIANA

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03/10-01	03/10-01	03/10-02	03/10-03	03/10-05	03/10-05	03/10-06	03/10-06	03/10-07	03/10-07
NSAMPLE	03/10-01-93-1	03/10-01-93-1-D	03/10-02-93-1	03/10-03-93-2	03/10-05-93-1	03/10-05-93-2	03/10-06-93-1	03/10-06-93-2	03/10-07-93-1	03/10-07-93-2
SAMPLE	03/10-1-93-1	03/10-DUP6-93-1	03/10-2-93-1	03/10-3-93-2	03/10-5-93-1	03/10-5-93-2	03/10-6-93-1	03/10-6-93-2	03/10-7-93-1	03/10-7-93-2
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	0 - 30	0 - 30	0 - 30	30 - 60	0 - 30	30 - 60	0 - 30	30 - 60	0 - 30	30 - 60
SAMPLE DATE	8/21/1993	8/22/1993	8/21/1993	8/21/1993	8/20/1993	8/20/1993	8/20/1993	8/20/1993	8/21/1993	8/21/1993
Volatile Organics (µg/kg)										
1,1,1-TRICHLOROETHANE	5.5 U	5.5 U	5.5 U	6 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	6 U
1,1,2,2-TETRACHLOROETHANE	5.5 U	5.5 U	5.5 U	6 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	6 U
1,1,2-TRICHLOROETHANE	5.5 U	5.5 U	5.5 U	6 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	6 U
1,1-DICHLOROETHANE	5.5 U	5.5 U	5.5 U	6 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	6 U
1,1-DICHLOROETHENE	5.5 U	5.5 U	5.5 U	6 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	6 U
1,2-DICHLOROETHANE	5.5 U	5.5 U	5.5 U	6 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	6 U
1,2-DICHLOROPROPANE	5.5 U	5.5 U	5.5 U	6 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	6 U
2-BUTANONE	110 U	110 U	110 U	120 U	110 U	120 U	110 U	110 U	110 U	120 U
2-HEXANONE	55 U	55 U	55 U	60 U	55 U	6 U	55 U	55 U	55 U	60 U
4-METHYL-2-PENTANONE	55 U	55 U	55 U	60 U	55 U	6 U	55 U	55 U	55 U	60 U
ACETONE	13 BJ	35 BJ	10 BJ	21 BJ	11 BJ	10 BJ	110 U	15 BJ	110 U	120 U
BENZENE	5.5 U	5.5 U	5.5 U	6 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	6 U
BROMODICHLOROMETHANE	5.5 U	5.5 U	5.5 U	6 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	6 U
BROMOETHANE	11 U	11 U	11 U	12 U	11 U	12 U	11 U	11 U	11 U	12 U
BROMOFORM	5.5 U	5.5 U	5.5 U	6 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	6 U
CARBON DISULFIDE	5.5 U	5.5 U	5.5 U	6 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	6 U
CARBON TETRACHLORIDE	5.5 U	5.5 U	5.5 U	6 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	6 U
CHLOROBENZENE	5.5 U	5.5 U	5.5 U	6 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	6 U
CHLORODIBROMOMETHANE	5.5 U	5.5 U	5.5 U	6 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	6 U
CHLOROETHANE	11 U	11 U	11 U	12 U	11 U	12 U	11 U	11 U	11 U	12 U
CHLOROFORM	5.5 U	5.5 U	5.5 U	6 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	6 U
CHLOROMETHANE	11 U	11 U	11 U	12 U	11 U	12 U	11 U	11 U	11 U	12 U
CIS-1,2-DICHLOROETHENE	5.5 U	5.5 U	5.5 U	6 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	6 U
CIS-1,3-DICHLOROPROPENE	5.5 U	5.5 U	5.5 U	6 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	6 U
ETHYLBENZENE	5.5 U	5.5 U	5.5 U	6 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	6 U
METHYLENE CHLORIDE	170 B	19 B	92 B	100 B	34 B	40 B	48 B	26 B	50 B	56 B
STYRENE	5.5 U	5.5 U	5.5 U	6 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	6 U
TETRACHLOROETHENE	5.5 U	5.5 U	5.5 U	6 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	6 U
TOLUENE	5.5 U	5.5 U	5.5 U	6 U	5.5 U	6 U	5.5 U	0.82 J	5.5 U	6 U
TOTAL XYLENES	5.5 U	5.5 U	5.5 U	6 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	6 U
TRANS-1,2-DICHLOROETHENE	5.5 U	5.5 U	5.5 U	6 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	6 U
TRANS-1,3-DICHLOROPROPENE	5.5 U	5.5 U	5.5 U	6 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	6 U
TRICHLOROETHENE	5.5 U	5.5 U	5.5 U	6 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	6 U
VINYL ACETATE	55 U	55 U	55 U	60 U	55 U	6 U	55 U	55 U	55 U	60 U
VINYL CHLORIDE	11 U	11 U	11 U	12 U	11 U	12 U	11 U	11 U	11 U	12 U

1993 SOIL SAMPLE RESULTS
SWMU 3 - AMMUNITION BURNING GROUNDS
NSWC CRANE
CRANE, INDIANA

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03/10-01	03/10-01	03/10-02	03/10-03	03/10-05	03/10-05	03/10-06	03/10-06	03/10-07	03/10-07
NSAMPLE	03/10-01-93-1	03/10-01-93-1-D	03/10-02-93-1	03/10-03-93-2	03/10-05-93-1	03/10-05-93-2	03/10-06-93-1	03/10-06-93-2	03/10-07-93-1	03/10-07-93-2
SAMPLE	03/10-1-93-1	03/10-DUP6-93-1	03/10-2-93-1	03/10-3-93-2	03/10-5-93-1	03/10-5-93-2	03/10-6-93-1	03/10-6-93-2	03/10-7-93-1	03/10-7-93-2
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	0 - 30	0 - 30	0 - 30	30 - 60	0 - 30	30 - 60	0 - 30	30 - 60	0 - 30	30 - 60
SAMPLE DATE	8/21/1993	8/22/1993	8/21/1993	8/21/1993	8/20/1993	8/20/1993	8/20/1993	8/20/1993	8/21/1993	8/21/1993
Semivolatile Organics (µg/kg)										
2-METHYLNAPHTHALENE										
ACENAPHTHENE	380 U	390 U	380 U	380 U	380 U	380 U	380 U	380 U	350 U	400 U
ACENAPHTHYLENE	380 U	390 U	380 U	380 U	380 U	380 U	380 U	380 U	350 U	400 U
ANTHRACENE	380 U	390 U	380 U	380 U	380 U	380 U	380 U	380 U	350 U	400 U
BENZO(A)ANTHRACENE	380 U	390 U	380 U	380 U	380 U	380 U	31 J	380 U	350 U	400 U
BENZO(A)PYRENE	380 U	390 U	380 U	380 U	380 U	380 U	34 J	380 U	350 U	400 U
BENZO(B)FLUORANTHENE	380 U	390 U	380 U	380 U	380 U	380 U	71 J	380 U	350 U	400 U
BENZO(G,H,I)PERYLENE	380 U	390 U	380 U	380 U	380 U	380 U	27 J	380 U	350 U	400 U
BENZO(K)FLUORANTHENE	380 U	390 U	380 U	380 U	380 U	380 U	37 J	380 U	350 U	400 U
CHRYSENE	380 U	390 U	380 U	380 U	380 U	380 U	64 J	380 U	350 U	400 U
DIBENZO(A,H)ANTHRACENE	380 U	390 U	380 U	380 U	380 U	380 U	380 U	380 U	350 U	400 U
FLUORANTHENE	380 U	390 U	380 U	380 U	380 U	380 U	48 J	380 U	350 U	400 U
FLUORENE	380 U	390 U	380 U	380 U	380 U	380 U	380 U	380 U	350 U	400 U
INDENO(1,2,3-CD)PYRENE	380 U	390 U	380 U	380 U	380 U	380 U	28 J	380 U	350 U	400 U
NAPHTHALENE	380 U	390 U	380 U	380 U	380 U	380 U	380 U	380 U	350 U	400 U
PHENANTHRENE	380 U	390 U	380 U	380 U	380 U	380 U	21 J	380 U	350 U	400 U
PYRENE	380 U	390 U	380 U	380 U	380 U	380 U	58 J	380 U	350 U	400 U
TOTAL PAHS	0 U	0 U	0 U	0 U	0 U	0 U	419	0 U	0 U	0 U
Energetics (mg/kg)										
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-DINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.805	0.138 J	0.25 U	0.25 U
2,4-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	4.2	0.25 U	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.115 J	0.26 U	0.26 U	0.26 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.06 J	0.25 U	0.25 U	0.25 U
HMX	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	1.28 J	0.099 J	2.2 U	2.2 U
RDX	1 U	1 U	1 U	1 U	1 U	1 U	0.085 J	1 U	1 U	0.1 U
TETRYL	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U

1993 SOIL[illegible]PLE RESULTS
SWMU 3 - AMMU[illegible] BURNING GROUNDS
NSWC CRANE
CRANE, INDIANA

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03/10-01	03/10-01	03/10-02	03/10-03	03/10-05	03/10-05	03/10-06	03/10-06	03/10-07	03/10-07
NSAMPLE	03/10-01-93-1	03/10-01-93-1-D	03/10-02-93-1	03/10-03-93-2	03/10-05-93-1	03/10-05-93-2	03/10-06-93-1	03/10-06-93-2	03/10-07-93-1	03/10-07-93-2
SAMPLE	03/10-1-93-1	03/10-DUP6-93-1	03/10-2-93-1	03/10-3-93-2	03/10-5-93-1	03/10-5-93-2	03/10-6-93-1	03/10-6-93-2	03/10-7-93-1	03/10-7-93-2
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	0 - 30	0 - 30	0 - 30	30 - 60	0 - 30	30 - 60	0 - 30	30 - 60	0 - 30	30 - 60
SAMPLE DATE	8/21/1993	8/22/1993	8/21/1993	8/21/1993	8/20/1993	8/20/1993	8/20/1993	8/20/1993	8/21/1993	8/21/1993
Inorganics (mg/kg)										
ALUMINUM	6460	2490	10100	9150	12300	20300	11700	10900	11000	22000
ANTIMONY	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
ARSENIC	1.99	0.6 U	5.24	3.83	4.82	4.02	7.7	7.37	4.91	8.87
BARIUM	69.3	35.5	35.4	23.1	103	188	480	225	56.1	51.9
BERYLLIUM										
CADMIUM	0.02 U	0.02 U	0.022 B	0.03 B	0.189 B	0.358 B	0.847	0.281 B	0.116 B	0.046 B
CALCIUM	622	393 B	287 B	74.4 B	2020	16700	5320	3470	630	557
CHROMIUM	12	5.5	15.9	10.9	18.6	31.2	17.7	18.8	15.6	29.5
COBALT	1.7	2.1 B	7.8	3.3	14.2	17.3	12.3	14.7	13	7.2
COPPER	3.1	2.4 B	6.7	5.9	13.7	17	52.2	21	7.7	20.2
CYANIDE										
IRON	9350	5230	28400	9040	22100	37100	23600	28400	27000	30700
LEAD	5.56	4.23	9.99	7	17.2	14.4	41.7	30.4	12	14.9
MAGNESIUM	710	397 B	755	748	1440	2690	2320	2040	1030	2820
MANGANESE	7	6.4	231	49.5	721	1650	429	1040	512	296
MERCURY	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
NICKEL	3.7	2.4 B	7.8	5.2	18.4	42.6	24.1	22.8	16.1	17.3
POTASSIUM										
SELENIUM										
SILVER	1 U	1 U	1 U	1 U	1 U	1 U	1.4	1 U	1 U	1 U
SODIUM	47.3 B	33.3 B	42.2 B	26.1 B	87.6 B	95.8 B	63.9 B	56 B	58.8 B	56.4 B
THALLIUM										
TIN	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
TOTAL PHOSPHORUS	56.3	61.2	131	120	196	266	222	288	210	212
VANADIUM										
ZINC	9.39	6.6	31.3	39	63.1	58.3	17.1	130	87.5	76.8

1993 SOIL SAMPLE RESULTS
SWMU 3 - AMMUNITION BURNING GROUNDS
NSWC CRANE
CRANE, INDIANA

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03/10-08	03/10-08	03/10-09	03/10-10	03/10-10	03/10-11	03/10-11	03/10-12	03/10-12	03/10-12
NSAMPLE	03/10-08-93-1	03/10-08-93-1-D	03/10-09-93-1	03/10-10-93-1	03/10-10-93-2	03/10-11-93-1	03/10-11-93-2	03/10-12-93-1	03/10-12-93-2	03/10-12-93-3
SAMPLE	03/10-8-93-1	03/10-DUP4-93-1	03/10-9-93-1	03/10-11-93-1	03/10-11-93-2	03/10-11-93-1	03/10-11-93-2	03/10-12-93-1	03/10-12-93-2	03/10-12-93-3
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	0 - 30	0 - 30	0 - 30	0 - 30	30 - 60	0 - 30	30 - 60	0 - 30	30 - 60	60 - 90
SAMPLE DATE	8/21/1993	8/21/1993	8/21/1993	8/19/1993	8/19/1993	8/19/1993	8/19/1993	8/22/1993	8/22/1993	8/22/1993
Volatile Organics (µg/kg)										
1,1,1-TRICHLOROETHANE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U
1,1,2,2-TETRACHLOROETHANE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U
1,1,2-TRICHLOROETHANE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U
1,1-DICHLOROETHANE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U
1,1-DICHLOROETHENE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U
1,2-DICHLOROETHANE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U
1,2-DICHLOROPROPANE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U
2-BUTANONE	110 U	110 U	120 U	110 U	120 U	110 U	110 U	110 U	110 U	120 U
2-HEXANONE	55 U	55 U	55 U	55 U	60 U	55 U	55 U	55 U	55 U	60 U
4-METHYL-2-PENTANONE	55 U	55 U	55 U	55 U	60 U	55 U	55 U	55 U	55 U	60 U
ACETONE	15 BJ	12 BJ	110 U	24 BJ	24 BJ	26 BJ	16 BJ	44 BJ	24 BJ	29 BJ
BENZENE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U
BROMODICHLOROMETHANE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U
BROMOETHANE	11 U	11 U	11 U	11 U	12 U	11 U	11 U	11 U	11 U	12 U
BROMOFORM	5.5 U	5.5 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U
CARBON DISULFIDE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U
CARBON TETRACHLORIDE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U
CHLOROBENZENE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U
CHLORODIBROMOMETHANE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U
CHLOROETHANE	11 U	11 U	11 U	11 U	12 U	11 U	11 U	11 U	11 U	12 U
CHLOROFORM	5.5 U	5.5 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U
CHLOROMETHANE	11 U	11 U	11 U	1.1 U	12 U	1.1 U	1.1 U	11 U	11 U	12 U
CIS-1,2-DICHLOROETHENE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U
CIS-1,3-DICHLOROPROPENE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U
ETHYLBENZENE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U
METHYLENE CHLORIDE	30 B	26 B	51 B	47 B	46 B	30 B	32 B	45 B	34 B	65 B
STYRENE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U
TETRACHLOROETHENE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U
TOLUENE	5.5 U	5.5 U	5.5 U	5.5 U	6.7	5.5 U	5.5 U	5.5 U	5.5 U	6 U
TOTAL XYLENES	5.5 U	5.5 U	5.5 U	0.85 J	0.6 J	1.7 J	5.5 U	5.5 U	5.5 U	6 U
TRANS-1,2-DICHLOROETHENE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U
TRANS-1,3-DICHLOROPROPENE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U
TRICHLOROETHENE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U
VINYL ACETATE	55 U	55 U	55 U	55 U	60 U	55 U	55 U	55 U	55 U	60 U
VINYL CHLORIDE	11 U	11 U	11 U	11 U	12 U	11 U	11 U	11 U	11 U	12 U

1993 SOIL[illegible]LE RESULTS
SWMU 3 - AMMUN[illegible]N BURNING GROUNDS
NSWC CRANE
CRANE, INDIANA

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03/10-08	03/10-08	03/10-09	03/10-10	03/10-10	03/10-11	03/10-11	03/10-12	03/10-12	03/10-12
NSAMPLE	03/10-08-93-1	03/10-08-93-1-D	03/10-09-93-1	03/10-10-93-1	03/10-10-93-2	03/10-11-93-1	03/10-11-93-2	03/10-12-93-1	03/10-12-93-2	03/10-12-93-3
SAMPLE	03/10-8-93-1	03/10-DUP4-93-1	03/10-9-93-1	03/10-11-93-1	03/10-11-93-2	03/10-11-93-1	03/10-11-93-2	03/10-12-93-1	03/10-12-93-2	03/10-12-93-3
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	0 - 30	0 - 30	0 - 30	0 - 30	30 - 60	0 - 30	30 - 60	0 - 30	30 - 60	60 - 90
SAMPLE DATE	8/21/1993	8/21/1993	8/21/1993	8/19/1993	8/19/1993	8/19/1993	8/19/1993	8/22/1993	8/22/1993	8/22/1993
Semivolatile Organics (µg/kg)										
2-METHYLNAPHTHALENE										
ACENAPHTHENE	380 U	380 U	400 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
ACENAPHTHYLENE	380 U	380 U	400 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
ANTHRACENE	380 U	380 U	400 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
BENZO(A)ANTHRACENE	380 U	380 U	400 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
BENZO(A)PYRENE	380 U	380 U	400 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
BENZO(B)FLUORANTHENE	380 U	380 U	400 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
BENZO(G,H,I)PERYLENE	380 U	380 U	400 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
BENZO(K)FLUORANTHENE	380 U	380 U	400 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
CHRYSENE	380 U	380 U	400 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
DIBENZO(A,H)ANTHRACENE	380 U	380 U	400 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
FLUORANTHENE	380 U	380 U	400 U	380 U	380 U	24 J	380 U	380 U	380 U	380 U
FLUORENE	380 U	380 U	400 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
INDENO(1,2,3-CD)PYRENE	380 U	380 U	400 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
NAPHTHALENE	380 U	380 U	400 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
PHENANTHRENE	380 U	380 U	400 U	380 U	380 U	16 J	380 U	380 U	380 U	380 U
PYRENE	380 U	380 U	400 U	380 U	380 U	26 J	380 U	380 U	380 U	380 U
TOTAL PAHS	0 U	0 U	0 U	0 U	0 U	66	0 U	0 U	0 U	0 U
Energetics (mg/kg)										
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-DINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.181 J	0.25 U	0.25 U	0.195 J	0.25 U	0.25 U	0.25 U	0.25 U
2,4-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	11.6	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.375	0.26 U	0.26 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.196 J	0.215 J	0.25 U	0.2 J	0.25 U	0.25 U	0.25 U	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.426	0.11 J	0.25 U	0.245 J	0.25 U	0.25 U	0.25 U	0.25 U
HMX	2.2 U	2.2 U	9.85	0.45 J	1.24 J	1.11 J	2.2 U	2.2 U	2.2 U	2.2 U
RDX	1 U	1 U	19.2	0.77 J	1 U	1 U	1 U	1 U	1 U	1 U
TETRYL	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U

1993 SOIL SAMPLE RESULTS
SWMU 3 - AMMUNITION BURNING GROUNDS
NSWC CRANE
CRANE, INDIANA

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03/10-08	03/10-08	03/10-09	03/10-10	03/10-10	03/10-11	03/10-11	03/10-12	03/10-12	03/10-12
NSAMPLE	03/10-08-93-1	03/10-08-93-1-D	03/10-09-93-1	03/10-10-93-1	03/10-10-93-2	03/10-11-93-1	03/10-11-93-2	03/10-12-93-1	03/10-12-93-2	03/10-12-93-3
SAMPLE	03/10-8-93-1	03/10-DUP4-93-1	03/10-9-93-1	03/10-11-93-1	03/10-11-93-2	03/10-11-93-1	03/10-11-93-2	03/10-12-93-1	03/10-12-93-2	03/10-12-93-3
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	0 - 30	0 - 30	0 - 30	0 - 30	30 - 60	0 - 30	30 - 60	0 - 30	30 - 60	60 - 90
SAMPLE DATE	8/21/1993	8/21/1993	8/21/1993	8/19/1993	8/19/1993	8/19/1993	8/19/1993	8/22/1993	8/22/1993	8/22/1993
Inorganics (mg/kg)										
ALUMINUM	11100	12700	15900	10000	10400	13200	5550	7440	8770	10700
ANTIMONY	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	1.03	0.9 U	1.48	0.9 U	0.9 U
ARSENIC	5.66	5.76	6.42	7.39	6.7	5.24	4.61	6.21	6.03	6.32
BARIUM	118	156	81.8	51.7	91.8	176	66.9	132	50.3	48.9
BERYLLIUM										
CADMIUM	0.72	0.953	0.093 B	0.067 B	0.281 B	0.876	0.092 B	0.978	0.02 U	0.32 B
CALCIUM	2020	36000	4860	1150	6540	23300	833	4760	145 B	142 B
CHROMIUM	17.8	21.4	22.6	17.1	17.9	17.5	11.5	11.3	11.4	15.9
COBALT	13.7	15.7	15	20.4	17.5	12.1	18.4	19	10.9	10.6
COPPER	59.1	21.4	15.1	8.8	11.8	41.9	4.9	38.4	7.1	8.69
CYANIDE										
IRON	24000	31000	29900	25400	32300	19300	19500	21000	17300	20300
LEAD	27.1	24.4	29.2	13.2	37.2	174	11.2	40.9	12.6	13
MAGNESIUM	1170	1820	1790	1070	1980	4320	451 B	968	655	1330
MANGANESE	366	731	550	875	977	493	1130	746	662	444
MERCURY	0.249	0.407	0.1 U	0.336	0.294	4.26	0.113	7.69	0.1 U	0.1 U
NICKEL	20.3	29.1	23.1	18.7	23.2	19.2	15.6	12.7	10.1	9.59
POTASSIUM										
SELENIUM										
SILVER	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
SODIUM	63.7 B	89.9 B	110 B	53.1 B	62.9 B	84.2	38.6 B	63.7 B	39.2 B	41.8 B
THALLIUM										
TIN	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
TOTAL PHOSPHORUS	183	258	188	160	289	349	319	194	136	181
VANADIUM										
ZINC	86	72	60.5	55.5	358	133	32.6	208	34.7	35.1

1993 SOIL SAMPLE RESULTS
SWMU 3 - AMMUNITION BURNING GROUNDS
NSWC CRANE
CRANE, INDIANA

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03/10-13	03/10-13	03/10-14	03/10-14	03/10-15	03/10-16	03/10-16	03/10-17	03/10-17	03/10-17
NSAMPLE	03/10-13-93-1	03/10-13-93-2	03/10-14-93-1	03/10-14-93-2	03/10-15-93-1	03/10-16-93-1	03/10-16-93-1-D	03/10-17-93-1	03/10-17-93-2	03/10-17-93-3
SAMPLE	03/10-13-93-1	03/10-13-93-2	03/10-14-93-1	03/10-14-93-2	03/10-15-93-1	03/10-16-93-1	03/10-DUP8-93	03/10-17-93-1	03/10-17-93-2	03/10-17-93-3
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	0 - 30	30 - 60	0 - 30	30 - 60	0 - 30	0 - 30	0 - 30	0 - 30	30 - 60	60 - 90
SAMPLE DATE	8/21/1993	8/21/1993	8/22/1993	8/22/1993	8/25/1993	8/25/1993	8/25/1993	8/25/1993	8/25/1993	8/25/1993
Volatile Organics (µg/kg)										
1,1,1-TRICHLOROETHANE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	60 U
1,1,2,2-TETRACHLOROETHANE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	60 U
1,1,2-TRICHLOROETHANE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	60 U
1,1-DICHLOROETHANE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	60 U
1,1-DICHLOROETHENE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	60 U
1,2-DICHLOROETHANE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	60 U
1,2-DICHLOROPROPANE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	60 U
2-BUTANONE	100 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U	1200 U
2-HEXANONE	50 U	55 U	55 U	55 U	55 U	55 U	55 U	55 U	55 U	60 U
4-METHYL-2-PENTANONE	50 U	55 U	55 U	55 U	55 U	55 U	55 U	55 U	55 U	60 U
ACETONE	12 BJ	110 U	16 BJ	18 BJ	26 BJ	23 BJ	17 BJ	19 BJ	19 BJ	580 BJ
BENZENE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	60 U
BROMODICHLOROMETHANE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	60 U
BROMOETHANE	10 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	120 U
BROMOFORM	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	60 U
CARBON DISULFIDE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	60 U
CARBON TETRACHLORIDE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	60 U
CHLOROBENZENE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	60 U
CHLORODIBROMOMETHANE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	60 U
CHLOROETHANE	10 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	120 U
CHLOROFORM	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	60 U
CHLOROMETHANE	10 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	120 U
CIS-1,2-DICHLOROETHENE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	2.5 J	58	2300
CIS-1,3-DICHLOROPROPENE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	60 U
ETHYLBENZENE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	2.8 J
METHYLENE CHLORIDE	46 B	38 B	47 B	55 B	42 B	46 B	28 B	15 B	16 B	320 B
STYRENE	50 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	60 U
TETRACHLOROETHENE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	60 U
TOLUENE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	1 J	5.5 U	60 U
TOTAL XYLENES	50 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	60 U
TRANS-1,2-DICHLOROETHENE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	3.6 J	290
TRANS-1,3-DICHLOROPROPENE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	60 U
TRICHLOROETHENE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	60	200	73
VINYL ACETATE	50 U	55 U	55 U	55 U	55 U	55 U	55 U	55 U	55 U	60 U
VINYL CHLORIDE	10 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	120 U

1993 SOIL SAMPLE RESULTS
SWMU 3 - AMMUNITION BURNING GROUNDS
NSWC CRANE
CRANE, INDIANA

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03/10-13	03/10-13	03/10-14	03/10-14	03/10-15	03/10-16	03/10-16	03/10-17	03/10-17	03/10-17
NSAMPLE	03/10-13-93-1	03/10-13-93-2	03/10-14-93-1	03/10-14-93-2	03/10-15-93-1	03/10-16-93-1	03/10-16-93-1-D	03/10-17-93-1	03/10-17-93-2	03/10-17-93-3
SAMPLE	03/10-13-93-1	03/10-13-93-2	03/10-14-93-1	03/10-14-93-2	03/10-15-93-1	03/10-16-93-1	03/10-DUP8-93	03/10-17-93-1	03/10-17-93-2	03/10-17-93-3
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	0 - 30	30 - 60	0 - 30	30 - 60	0 - 30	0 - 30	0 - 30	0 - 30	30 - 60	60 - 90
SAMPLE DATE	8/21/1993	8/21/1993	8/22/1993	8/22/1993	8/25/1993	8/25/1993	8/25/1993	8/25/1993	8/25/1993	8/25/1993
Semivolatile Organics (µg/kg)										
2-METHYLNAPHTHALENE					350 U	370 U	350 U	370 U	370 U	370 U
ACENAPHTHENE	380 U	380 U	380 U	380 U	350 U	370 U	350 U	370 U	370 U	370 U
ACENAPHTHYLENE	380 U	380 U	380 U	380 U	350 U	370 U	350 U	370 U	370 U	370 U
ANTHRACENE	380 U	380 U	380 U	380 U	350 U	370 U	350 U	370 U	370 U	370 U
BENZO(A)ANTHRACENE	380 U	380 U	380 U	380 U	350 U	370 U	350 U	370 U	24 J	370 U
BENZO(A)PYRENE	380 U	380 U	380 U	380 U	350 U	370 U	350 U	370 U	15 J	370 U
BENZO(B)FLUORANTHENE	380 U	380 U	380 U	380 U	350 U	370 U	350 U	370 U	28 J	370 U
BENZO(G,H,I)PERYLENE	380 U	380 U	380 U	380 U	350 U	370 U	350 U	370 U	370 U	370 U
BENZO(K)FLUORANTHENE	380 U	380 U	380 U	380 U	350 U	370 U	350 U	37 U	31 J	370 U
CHRYSENE	380 U	380 U	380 U	380 U	350 U	370 U	350 U	370 U	45 J	370 U
DIBENZO(A,H)ANTHRACENE	380 U	380 U	380 U	380 U	350 U	370 U	350 U	370 U	370 U	370 U
FLUORANTHENE	380 U	380 U	380 U	380 U	350 U	370 U	350 U	25 J	51 J	370 U
FLUORENE	380 U	380 U	380 U	380 U	350 U	370 U	350 U	370 U	370 U	370 U
INDENO(1,2,3-CD)PYRENE	380 U	380 U	380 U	380 U	350 U	370 U	350 U	370 U	370 U	370 U
NAPHTHALENE	380 U	380 U	380 U	380 U	350 U	370 U	350 U	370 U	370 U	370 U
PHENANTHRENE	380 U	380 U	380 U	380 U	350 U	370 U	350 U	22 J	38 J	370 U
PYRENE	380 U	380 U	380 U	380 U	350 U	370 U	350 U	28 J	51 J	370 U
TOTAL PAHS	0 U	0 U	0 U	0 U	0 U	0 U	0 U	75	283	0 U
Energetics (mg/kg)										
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	2.45	0.25 U	0.25 U	2.1	2.96	0.25 U
1,3-DINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	1.61	0.25 U	0.125 J	7.55	60.7	2.28
2,4-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.17	0.075 J	0.25 U
2,6-DINITROTOLUENE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.26	0.25 U	0.25 U	2.2	1.24	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.18 J	0.25	0.25	2.48	2.16	0.105 J
HMX	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	0.52 J	2.2 U	14.6	61	3.36
RDX	1 U	1 U	1 U	1 U	1	0.06 J	0.075 J	18.8	274	10.2
TETRYL	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U

1993 SOIL SAMPLE RESULTS
SWMU 3 - AMMUNITION BURNING GROUNDS
NSWC CRANE
CRANE, INDIANA

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03/10-13	03/10-13	03/10-14	03/10-14	03/10-15	03/10-16	03/10-16	03/10-17	03/10-17	03/10-17
NSAMPLE	03/10-13-93-1	03/10-13-93-2	03/10-14-93-1	03/10-14-93-2	03/10-15-93-1	03/10-16-93-1	03/10-16-93-1-D	03/10-17-93-1	03/10-17-93-2	03/10-17-93-3
SAMPLE	03/10-13-93-1	03/10-13-93-2	03/10-14-93-1	03/10-14-93-2	03/10-15-93-1	03/10-16-93-1	03/10-DUP8-93	03/10-17-93-1	03/10-17-93-2	03/10-17-93-3
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	0 - 30	30 - 60	0 - 30	30 - 60	0 - 30	0 - 30	0 - 30	0 - 30	30 - 60	60 - 90
SAMPLE DATE	8/21/1993	8/21/1993	8/22/1993	8/22/1993	8/25/1993	8/25/1993	8/25/1993	8/25/1993	8/25/1993	8/25/1993
Inorganics (mg/kg)										
ALUMINUM	12000	11100	9040	9180	14100	9540	8840	20800	17800	8820
ANTIMONY	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
ARSENIC	7.72	7.41	4.44	8.88	7.51	8.15	8.82	5.48	7.93	10.7
BARIUM	73.6	57.7	70	49.2	78.1	245	127	463	121	55.9
BERYLLIUM										
CADMIUM	0.2 B	0.091 B	0.208 B	0.058 B	0.257 B	1.5	0.361	3.09	1.06	0.173 B
CALCIUM	2490	1900	4050	473 B	1770	14600	4220	11300	4680	1300
CHROMIUM	18.9	18.8	13.8	15.4	17.7	20	14.9	20.3	18.6	16.8
COBALT	13.4	14.5	7.8	6.8	14.7	13.6	12.9	16	18.2	16
COPPER	12.9	9.89	13	13.5	12.5	47.1	31.8	152	35.2	10.6
CYANIDE										
IRON	28900	24900	18300	16100	19800	41300	25500	24000	35000	33400
LEAD	12.9	11.2	100	11.9	11.9	75.8	60.2	183	90.5	14.4
MAGNESIUM	1170	1120	1580	1760	1440	2100	1370	7730	1920	866
MANGANESE	566	510	171	56.6	368	543	452	1180	761	620
MERCURY	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.891	0.396	0.934
NICKEL	24.3	19.6	10	11.9	24.5	22	12.1	25.3	18.3	15.2
POTASSIUM										
SELENIUM										
SILVER	1 U	1 U	1 U	1 U	1 U	1 U	1.3	1 U	1 U	1 U
SODIUM	66.8 B	67.2 B	43.3 B	40.2 B	60.9 B	72 B	55.2 B	96.1 B	58 B	53.6 B
THALLIUM										
TIN	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
TOTAL PHOSPHORUS	191	196	183	133	114	175	190	209	177	197
VANADIUM										
ZINC	74.4	59.6	64	48	62.8	996	112	458	193	167

1993 SOIL SAMPLE RESULTS
SWMU 3 - AMMUNITION BURNING GROUNDS
NSWC CRANE
CRANE, INDIANA

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03/10-19	03/10-19	03/10-19	03/10-21	03/10-21	03/10-21	03/10-22	03/10-22	03/10-22	03/10-23
NSAMPLE	03/10-19-93-1	03/10-19-93-2	03/10-19-93-3	03/10-21-93-1	03/10-21-93-2	03/10-21-93-3	03/10-22-93-1	03/10-22-93-2	03/10-22-93-3	03/10-23-93-1
SAMPLE	03/10-19-93-1	03/10-19-93-2	03/10-19-93-3	03/10-21-93-1	03/10-21-93-2	03/10-21-93-3	03/10-22-93-1	03/10-22-93-2	03/10-22-93-3	03/10-23-93-1
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	0 - 30	30 - 60	60 - 90	0 - 30	30 - 60	60 - 90	0 - 30	30 - 60	60 - 90	0 - 30
SAMPLE DATE	8/25/1993	8/25/1993	8/25/1993	8/22/1993	8/22/1993	8/22/1993	8/21/1993	8/21/1993	8/21/1993	8/25/1993
Volatile Organics (µg/kg)										
1,1,1-TRICHLOROETHANE	0.57 J	5.5 U	6 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U
1,1,2,2-TETRACHLOROETHANE	5 U	5.5 U	6 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U
1,1,2-TRICHLOROETHANE	5 U	5.5 U	6 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U
1,1-DICHLOROETHANE	5 U	5.5 U	6 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U
1,1-DICHLOROETHENE	5 U	5.5 U	6 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U
1,2-DICHLOROETHANE	5 U	5.5 U	6 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U
1,2-DICHLOROPROPANE	5 U	5.5 U	6 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U
2-BUTANONE	100 U	110 U	120 U	110 U	110 U	120 U	110 U	110 U	110 U	110 U
2-HEXANONE	50 U	55 U	60 U	55 U	55 U	60 U	55 U	55 U	55 U	55 U
4-METHYL-2-PENTANONE	50 U	55 U	60 U	55 U	55 U	60 U	55 U	55 U	55 U	55 U
ACETONE	14 BJ	15 BJ	36 BJ	310	160 B	96 B	10 BJ	110 U	13 BJ	35 BJ
BENZENE	5 U	5.5 U	6 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U
BROMODICHLOROMETHANE	5 U	5.5 U	6 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U
BROMOETHANE	10 U	11 U	12 U	11 U	11 U	12 U	11 U	11 U	11 U	11 U
BROMOFORM	5 U	5.5 U	6 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U
CARBON DISULFIDE	5 U	5.5 U	6 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U
CARBON TETRACHLORIDE	5 U	5.5 U	6 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U
CHLOROBENZENE	5 U	5.5 U	6 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U
CHLORODIBROMOMETHANE	5 U	5.5 U	6 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U
CHLOROETHANE	10 U	11 U	12 U	11 U	11 U	12 U	11 U	11 U	11 U	11 U
CHLOROFORM	5 U	5.5 U	6 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U
CHLOROMETHANE	10 U	11 U	12 U	11 U	11 U	12 U	11 U	11 U	11 U	11 U
CIS-1,2-DICHLOROETHENE	5 U	5.5 U	5.9 J	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U
CIS-1,3-DICHLOROPROPENE	5 U	5.5 U	6 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U
ETHYLBENZENE	5 U	5.5 U	6 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U
METHYLENE CHLORIDE	13 B	15 B	34 B	18 B	37 B	110 B	83 B	56 B	58 B	92 B
STYRENE	5 U	5.5 U	6 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U
TETRACHLOROETHENE	5 U	5.5 U	6 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U
TOLUENE	5 U	5.5 U	6 U	5.5 U	1.6 J	6 U	5.5 U	5.5 U	5.5 U	5.5 U
TOTAL XYLENES	5 U	5.5 U	6 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U
TRANS-1,2-DICHLOROETHENE	5 U	5.5 U	6 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U
TRANS-1,3-DICHLOROPROPENE	5 U	5.5 U	6 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U
TRICHLOROETHENE	5 U	5.5 U	6 U	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U
VINYL ACETATE	50 U	55 U	60 U	55 U	55 U	60 U	55 U	55 U	55 U	55 U
VINYL CHLORIDE	10 U	11 U	12 U	11 U	11 U	12 U	11 U	11 U	11 U	11 U

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03/10-19	03/10-19	03/10-19	03/10-21	03/10-21	03/10-21	03/10-22	03/10-22	03/10-22	03/10-23
NSAMPLE	03/10-19-93-1	03/10-19-93-2	03/10-19-93-3	03/10-21-93-1	03/10-21-93-2	03/10-21-93-3	03/10-22-93-1	03/10-22-93-2	03/10-22-93-3	03/10-23-93-1
SAMPLE	03/10-19-93-1	03/10-19-93-2	03/10-19-93-3	03/10-21-93-1	03/10-21-93-2	03/10-21-93-3	03/10-22-93-1	03/10-22-93-2	03/10-22-93-3	03/10-23-93-1
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	0 - 30	30 - 60	60 - 90	0 - 30	30 - 60	60 - 90	0 - 30	30 - 60	60 - 90	0 - 30
SAMPLE DATE	8/25/1993	8/25/1993	8/25/1993	8/22/1993	8/22/1993	8/22/1993	8/21/1993	8/21/1993	8/21/1993	8/25/1993
Semivolatile Organics (µg/kg)										
2-METHYLNAPHTHALENE	180 J	370 U	370 U							370 U
ACENAPHTHENE	370 U	370 U	370 U	390 U	390 U	390 U	380 U	380 U	380 U	370 U
ACENAPHTHYLENE	370 U	370 U	370 U	390 U	390 U	390 U	380 U	380 U	380 U	370 U
ANTHRACENE	15 J	370 U	370 U	390 U	390 U	390 U	380 U	380 U	380 U	370 U
BENZO(A)ANTHRACENE	28 J	370 U	370 U	390 U	390 U	390 U	380 U	380 U	380 U	370 U
BENZO(A)PYRENE	15 J	370 U	370 U	390 U	390 U	390 U	380 U	380 U	380 U	370 U
BENZO(B)FLUORANTHENE	24 J	370 U	370 U	390 U	390 U	390 U	380 U	380 U	380 U	370 U
BENZO(G,H,I)PERYLENE	21 J	370 U	370 U	390 U	390 U	390 U	380 U	380 U	380 U	370 U
BENZO(K)FLUORANTHENE	26 J	370 U	370 U	390 U	390 U	390 U	380 U	380 U	380 U	370 U
CHRYSENE	42 J	370 U	370 U	390 U	390 U	390 U	380 U	380 U	380 U	370 U
DIBENZO(A,H)ANTHRACENE	370 U	370 U	370 U	390 U	390 U	390 U	380 U	380 U	380 U	370 U
FLUORANTHENE	66 J	370 U	370 U	390 U	390 U	390 U	380 U	380 U	380 U	370 U
FLUORENE	370 U	370 U	370 U	390 U	390 U	390 U	380 U	380 U	380 U	370 U
INDENO(1,2,3-CD)PYRENE	370 U	370 U	370 U	390 U	390 U	390 U	380 U	380 U	380 U	370 U
NAPHTHALENE	120 J	370 U	370 U	390 U	390 U	390 U	380 U	380 U	380 U	370 U
PHENANTHRENE	210 J	370 U	370 U	390 U	390 U	390 U	380 U	380 U	380 U	370 U
PYRENE	76 J	370 U	370 U	390 U	390 U	390 U	380 U	380 U	380 U	370 U
TOTAL PAHS	823	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U
Energetics (mg/kg)										
1,3,5-TRINITROBENZENE	0.66	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-DINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.36	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.335
2,4-DINITROTOLUENE	0.09 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.125 J
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.08 J
HMX	16	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	0.25 J
RDX	1.41	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TETRYL	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U

1993 SOIL SAMPLE RESULTS
SWMU 3 - AMMUNITION BURNING GROUNDS
NSWC CRANE
CRANE, INDIANA

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03/10-19	03/10-19	03/10-19	03/10-21	03/10-21	03/10-21	03/10-22	03/10-22	03/10-22	03/10-23
NSAMPLE	03/10-19-93-1	03/10-19-93-2	03/10-19-93-3	03/10-21-93-1	03/10-21-93-2	03/10-21-93-3	03/10-22-93-1	03/10-22-93-2	03/10-22-93-3	03/10-23-93-1
SAMPLE	03/10-19-93-1	03/10-19-93-2	03/10-19-93-3	03/10-21-93-1	03/10-21-93-2	03/10-21-93-3	03/10-22-93-1	03/10-22-93-2	03/10-22-93-3	03/10-23-93-1
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	0 - 30	30 - 60	60 - 90	0 - 30	30 - 60	60 - 90	0 - 30	30 - 60	60 - 90	0 - 30
SAMPLE DATE	8/25/1993	8/25/1993	8/25/1993	8/22/1993	8/22/1993	8/22/1993	8/21/1993	8/21/1993	8/21/1993	8/25/1993
Inorganics (mg/kg)										
ALUMINUM	9210	10600	14400	7840	10600	9070	18500	42000	20400	12600
ANTIMONY	1.71	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
ARSENIC	5.12	6.97	7.18	5.14	3.95	6.29	6.63	3.61	17.3	7.39
BARIUM	258	65	77.2	138	72.1	102	83.4	141	69.8	569
BERYLLIUM										
CADMIUM	3.87	0.079 B	0.057	0.492	0.089	0.05	0.499 B	0.091 B	0.121 B	3.43
CALCIUM	13800	1630	1010	6040	1700	3270	9120	1380	17700	8310
CHROMIUM	17.5	21.3	20.3	9.6	11.7	12.9	25.7	41.1	31.2	22.4
COBALT	12.2	12.3	10.4	10.7	9.79	10.5	12.5	58.3	13.4	14.5
COPPER	195	7.3	14	22.7	7.19	7.1	34.1	21.4	18.9	45.7
CYANIDE										
IRON	14200	24500	26800	17600	19100	23200	25600	48800	50400	26600
LEAD	212	10.1	8.9	24.4	4.7	5.6	31.2	25.3	15.1	37.6
MAGNESIUM	8690	826	1640	1390	1150	1280	2380	6490	3740	1970
MANGANESE	882	816	339	417	330	372	950	2760	98.5	574
MERCURY	0.219	0.1 U	0.1 U	0.336	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.962
NICKEL	18.4	13.4	10.9	12.9	11.2	13.2	20.6	64.4	59.4	26.6
POTASSIUM										
SELENIUM										
SILVER	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
SODIUM	199 B	69.7 B	43.4 B	47.7 B	81.8	70.8	126 B	420 B	151 B	52.8
THALLIUM										
TIN	5 U	5 U	5 U	5.1	5 U	5 U	5 U	5 U	5 U	5 U
TOTAL PHOSPHORUS	517	159	247	169	66.9	97.5	379	209	196	202
VANADIUM										
ZINC	852	47.6	51.1	91	30.8	136	117	47.5	115	300

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03/10-23	03/10-23	03/10-24	03/10-25	03/10-25	03/10-28	03/10-28	03/10-28	03/10-29	03/10-29
NSAMPLE	03/10-23-93-2	03/10-23-93-3	03/10-24-93-1	03/10-25-93-1	03/10-25-93-2	03/10-28-93-1	03/10-28-93-2	03/10-28-93-3	03/10-29-93-1	03/10-29-93-2
SAMPLE	03/10-23-93-2	03/10-23-93-3	03/10-24-93-1	03/10-25-93-1	03/10-25-93-2	03/10-28-93-1	03/10-28-93-2	03/10-28-93-3	03/10-29-93-1	03/10-29-93-2
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	30 - 60	60 - 90	0 - 30	0 - 30	30 - 60	0 - 30	30 - 60	60 - 90	0 - 30	30 - 60
SAMPLE DATE	8/25/1993	8/25/1993	8/22/1993	8/24/1993	8/24/1993	8/24/1993	8/24/1993	8/24/1993	8/24/1993	8/24/1993
Volatile Organics (µg/kg)										
1,1,1-TRICHLOROETHANE	5.5 U	5.5 U	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
1,1,2,2-TETRACHLOROETHANE	5.5 U	5.5 U	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
1,1,2-TRICHLOROETHANE	5.5 U	5.5 U	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
1,1-DICHLOROETHANE	5.5 U	5.5 U	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
1,1-DICHLOROETHENE	5.5 U	5.5 U	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
1,2-DICHLOROETHANE	5.5 U	5.5 U	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
1,2-DICHLOROPROPANE	5.5 U	5.5 U	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
2-BUTANONE	110 U	110 U	100 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U
2-HEXANONE	55 U	55 U	50 U	55 U	55 U	55 U	55 U	55 U	55 U	55 U
4-METHYL-2-PENTANONE	55 U	55 U	50 U	55 U	55 U	55 U	55 U	55 U	55 U	55 U
ACETONE	48 BJ	22 BJ	67 B	27 BJ	36 BJ	13 BJ	28 BJ	63 BJ	36 BJ	36 BJ
BENZENE	5.5 U	5.5 U	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
BROMODICHLOROMETHANE	5.5 U	5.5 U	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
BROMOETHANE	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
BROMOFORM	5.5 U	5.5 U	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
CARBON DISULFIDE	5.5 U	5.5 U	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
CARBON TETRACHLORIDE	5.5 U	5.5 U	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
CHLOROBENZENE	5.5 U	5.5 U	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
CHLORODIBROMOMETHANE	5.5 U	5.5 U	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
CHLOROETHANE	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
CHLOROFORM	5.5 U	5.5 U	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
CHLOROMETHANE	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
CIS-1,2-DICHLOROETHENE	5.5 U	6.4	5 U	5.5 U	5.5 U	5.5 U	5.5 U	57	2 J	5.5 U
CIS-1,3-DICHLOROPROPENE	5.5 U	5.5 U	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
ETHYLBENZENE	5.5 U	5.5 U	5 U	2.1 J	1.6 J	5.5 U	5.5 U	5.5 U	0.81 J	5.5 U
METHYLENE CHLORIDE	110 B	74 B	44 B	27 B	19 B	58 B	35 B	70 B	31 B	36 B
STYRENE	5.5 U	5.5 U	5 U	1.7 J	0.6 J	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
TETRACHLOROETHENE	5.5 U	5.5 U	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
TOLUENE	5.5 U	5.5 U	5 U	1.5 J	5.5 U	0.8 J	5.5 U	5.5 U	5.5 U	5.5 U
TOTAL XYLENES	1.4 J	0.78 J	5 U	12	9.5	3.5 J	5.5 U	5.5 U	5.1 J	2.3 J
TRANS-1,2-DICHLOROETHENE	5.5 U	5.5 U	5 U	5.5 U	5.5 U	5.5 U	5.5 U	1.1 J	5.5 U	5.5 U
TRANS-1,3-DICHLOROPROPENE	5.5 U	5.5 U	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
TRICHLOROETHENE	1.5 J	0.8 J	5 U	5.5 U	5.5 U	5.5 U	5.5 U	1.8 J	21	5.5 U
VINYL ACETATE	55 U	55 U	50 U	55 U	55 U	55 U	55 U	55 U	55 U	55 U
VINYL CHLORIDE	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03/10-23	03/10-23	03/10-24	03/10-25	03/10-25	03/10-28	03/10-28	03/10-28	03/10-29	03/10-29
NSAMPLE	03/10-23-93-2	03/10-23-93-3	03/10-24-93-1	03/10-25-93-1	03/10-25-93-2	03/10-28-93-1	03/10-28-93-2	03/10-28-93-3	03/10-29-93-1	03/10-29-93-2
SAMPLE	03/10-23-93-2	03/10-23-93-3	03/10-24-93-1	03/10-25-93-1	03/10-25-93-2	03/10-28-93-1	03/10-28-93-2	03/10-28-93-3	03/10-29-93-1	03/10-29-93-2
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	30 - 60	60 - 90	0 - 30	0 - 30	30 - 60	0 - 30	30 - 60	60 - 90	0 - 30	30 - 60
SAMPLE DATE	8/25/1993	8/25/1993	8/22/1993	8/24/1993	8/24/1993	8/24/1993	8/24/1993	8/24/1993	8/24/1993	8/24/1993
Semivolatile Organics (µg/kg)										
2-METHYLNAPHTHALENE	370 U	370 U								
ACENAPHTHENE	370 U	370 U	340 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
ACENAPHTHYLENE	370 U	370 U	340 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
ANTHRACENE	370 U	370 U	340 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
BENZO(A)ANTHRACENE	370 U	22 J	340 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
BENZO(A)PYRENE	370 U	15 J	340 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
BENZO(B)FLUORANTHENE	16 J	29 J	340 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
BENZO(G,H,I)PERYLENE	370 U	130 J	340 U	370 U	370 U	370 U	23 J	370 U	370 U	36 J
BENZO(K)FLUORANTHENE	9 J	31 J	340 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
CHRYSENE	370 U	57 J	340 U	370 U	370 U	370 U	21 J	370 U	19 J	370 U
DIBENZO(A,H)ANTHRACENE	370 U	370 U	340 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
FLUORANTHENE	370 U	42 J	340 U	370 U	370 U	370 U	370 U	370 U	31 J	370 U
FLUORENE	370 U	370 U	340 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
INDENO(1,2,3-CD)PYRENE	370 U	28 J	340 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
NAPHTHALENE	370 U	370 U	340 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
PHENANTHRENE	370 U	80 J	340 U	370 U	370 U	37 J	370 U	370 U	39 J	36 J
PYRENE	370 U	37 J	340 U	370 U	370 U	370 U	370 U	370 U	34 J	370 U
TOTAL PAHS	0 U	471	0 U	0 U	0 U	37	44	0 U	123	72
Energetics (mg/kg)										
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.065 J	0.25 U	0.25 U	2.26	0.25 U
1,3-DINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	12.3	1.25	0.26	0.685	0.02 J
2,4-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.03 J	0.065 J	0.25 U
2,6-DINITROTOLUENE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.025 J	0.25 U	0.085 J	1.56	0.125 J
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.02 J	0.08 J	1.57	0.06 J
HMX	0.08 J	2.2 U	2.2 U	2.2 U	2.2 U	5.45	3.8	2.2 U	128	0.6 J
RDX	1 U	0.265	1 U	1 U	1 U	16.4	2.06	1 U	41.2	0.35 J
TETRYL	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03/10-23	03/10-23	03/10-24	03/10-25	03/10-25	03/10-28	03/10-28	03/10-28	03/10-29	03/10-29
NSAMPLE	03/10-23-93-2	03/10-23-93-3	03/10-24-93-1	03/10-25-93-1	03/10-25-93-2	03/10-28-93-1	03/10-28-93-2	03/10-28-93-3	03/10-29-93-1	03/10-29-93-2
SAMPLE	03/10-23-93-2	03/10-23-93-3	03/10-24-93-1	03/10-25-93-1	03/10-25-93-2	03/10-28-93-1	03/10-28-93-2	03/10-28-93-3	03/10-29-93-1	03/10-29-93-2
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	30 - 60	60 - 90	0 - 30	0 - 30	30 - 60	0 - 30	30 - 60	60 - 90	0 - 30	30 - 60
SAMPLE DATE	8/25/1993	8/25/1993	8/22/1993	8/24/1993	8/24/1993	8/24/1993	8/24/1993	8/24/1993	8/24/1993	8/24/1993
Inorganics (mg/kg)										
ALUMINUM	17100	14000	2630	11000	9300	13800	10800	17300	12900	12500
ANTIMONY	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	1.72	8.3	0.9 U
ARSENIC	7.04	52.1	2.82	6.42	5.84	9.06	7.29	14.7	12.1	8.23
BARIUM	82.3	57.5	56.6	80.9	52.9	82.3	50.8	326	290	156
BERYLLIUM										
CADMIUM	7.87	0.133 B	0.528	0.217 B	0.114 B	0.376 B	0.128 B	2.61	4.33	0.162 B
CALCIUM	4070	3140	115000	1220	907	7060	1770	2950	6120	1670
CHROMIUM	25.4	22.2	6.8	16.5	14.3	20.7	17.2	38.1	29.6	19.4
COBALT	14.1	8.1	9.4	12.7	14.4	11.2	10.5	22.6	11.9	12
COPPER	13.9	12	34.3	8.89	10.2	32.7	14.8	94.7	171	14.1
CYANIDE										
IRON	19500	22900	7810	28900	23000	28300	31000	49200	40500	23100
LEAD	13.4	35.1	26.5	7.8	9.9	30.2	9.99	135	344	17.9
MAGNESIUM	2820	2120	17300	957	842	1810	1120	2580	2210	2470
MANGANESE	121	30.8	324	1000	933	302	282	782	698	311
MERCURY	0.1 U	0.1 U	0.1 U	0.1 U	0.279	0.1 U	0.1 U	0.85	0.598	0.1 U
NICKEL	43.3	20.1	10.8	17.8	15.9	17.4	13	35.8	20.6	29
POTASSIUM										
SELENIUM										
SILVER	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.6	1 U
SODIUM	226 B	107 B	114	69.2 B	36.7 B	64.3 B	49.9 B	71.7 B	60.1 B	96.6 B
THALLIUM										
TIN	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
TOTAL PHOSPHORUS	171	242	116	220	144	159	128	176	375	197
VANADIUM										
ZINC	61.1	22.5	90.8	80.2	61.1	228	188	337	2160	75.3

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03/10-31	03/10-32	03/10-33	03/10-33	03/10-34	03/10-34	03/10-35	03/10-35	03/10-36	03/10-37
NSAMPLE	03/10-31-93-1	03/10-32-93-1	03/10-33-93-1	03/10-33-93-1-D	03/10-34-93-1	03/10-34-93-2	03/10-35-93-1	03/10-35-93-2	03/10-36-93-1	03/10-37-93-1
SAMPLE	03/10-31-93-1	03/10-32-93-1	03/10-33-93-1	03/10-DUP7-93	03/10-34-93-1	03/10-34-93-2	03/10-35-93-1	03/10-35-93-2	03/10-36-93-1	03/10-37-93-1
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	0 - 30	0 - 30	0 - 30	0 - 30	0 - 30	30 - 60	0 - 30	30 - 60	0 - 30	0 - 30
SAMPLE DATE	8/24/1993	8/24/1993	8/23/1993	8/23/1993	8/22/1993	8/22/1993	8/23/1993	8/23/1993	8/22/1993	8/22/1993
Volatile Organics (µg/kg)										
1,1,1-TRICHLOROETHANE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U	6 U	5 U	5.5 U
1,1,2,2-TETRACHLOROETHANE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U	6 U	5 U	5.5 U
1,1,2-TRICHLOROETHANE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U	6 U	5 U	5.5 U
1,1-DICHLOROETHANE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U	6 U	5 U	5.5 U
1,1-DICHLOROETHENE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U	6 U	10 U	5.5 U
1,2-DICHLOROETHANE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U	6 U	5 U	5.5 U
1,2-DICHLOROPROPANE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U	6 U	5 U	5.5 U
2-BUTANONE	110 U	110 U	110 U	110 U	120 U	120 U	110 U	120 U	100 U	110 U
2-HEXANONE	55 U	55 U	55 U	55 U	60 U	60 U	55 U	60 U	50 U	55 U
4-METHYL-2-PENTANONE	55 U	55 U	55 U	55 U	60 U	60 U	55 U	60 U	50 U	55 U
ACETONE	12 BJ	110 U	45 BJ	28 BJ	63 B	29 B	35 BJ	79 BJ	12 BJ	14 BJ
BENZENE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U	6 U	5 U	5.5 U
BROMODICHLOROMETHANE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U	6 U	5 U	5.5 U
BROMOETHANE	11 U	11 U	11 U	11 U	12 U	12 U	11 U	12 U	10 U	11 U
BROMOFORM	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U	6 U	5 U	5.5 U
CARBON DISULFIDE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U	6 U	5 U	5.5 U
CARBON TETRACHLORIDE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U	6 U	5 U	5.5 U
CHLOROBENZENE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U	6 U	5 U	5.5 U
CHLORODIBROMOMETHANE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U	6 U	5 U	5.5 U
CHLOROETHANE	11 U	11 U	11 U	11 U	12 U	12 U	11 U	12 U	10 U	11 U
CHLOROFORM	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U	6 U	5 U	5.5 U
CHLOROMETHANE	11 U	11 U	11 U	11 U	12 U	12 U	11 U	12 U	10 U	11 U
CIS-1,2-DICHLOROETHENE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U	6 U	5 U	5.5 U
CIS-1,3-DICHLOROPROPENE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U	6 U	5 U	5.5 U
ETHYLBENZENE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U	6 U	5 U	5.5 U
METHYLENE CHLORIDE	97 B	29 B	16 B	15 B	24 B	12 B	20 B	41 B	44 B	27 B
STYRENE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U	6 U	5 U	5.5 U
TETRACHLOROETHENE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U	6 U	5 U	5.5 U
TOLUENE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U	6 U	5 U	5.5 U
TOTAL XYLENES	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U	1.3 J	5 J	5.5 U
TRANS-1,2-DICHLOROETHENE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U	6 U	5 U	5.5 U
TRANS-1,3-DICHLOROPROPENE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U	6 U	5 U	5.5 U
TRICHLOROETHENE	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U	1.9 J	5 U	5.5 U
VINYL ACETATE	55 U	55 U	55 U	55 U	60 U	60 U	55 U	60 U	50 U	55 U
VINYL CHLORIDE	11 U	11 U	11 U	11 U	12 U	12 U	11 U	12 U	10 U	11 U

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03/10-31	03/10-32	03/10-33	03/10-33	03/10-34	03/10-34	03/10-35	03/10-35	03/10-36	03/10-37
NSAMPLE	03/10-31-93-1	03/10-32-93-1	03/10-33-93-1	03/10-33-93-1-D	03/10-34-93-1	03/10-34-93-2	03/10-35-93-1	03/10-35-93-2	03/10-36-93-1	03/10-37-93-1
SAMPLE	03/10-31-93-1	03/10-32-93-1	03/10-33-93-1	03/10-DUP7-93	03/10-34-93-1	03/10-34-93-2	03/10-35-93-1	03/10-35-93-2	03/10-36-93-1	03/10-37-93-1
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	0 - 30	0 - 30	0 - 30	0 - 30	0 - 30	30 - 60	0 - 30	30 - 60	0 - 30	0 - 30
SAMPLE DATE	8/24/1993	8/24/1993	8/23/1993	8/23/1993	8/22/1993	8/22/1993	8/23/1993	8/23/1993	8/22/1993	8/22/1993
Semivolatile Organics (µg/kg)										
2-METHYLNAPHTHALENE										
ACENAPHTHENE	370 U	370 U	390 U	390 U	390 U	390 U	390 U	390 U	340 U	350 U
ACENAPHTHYLENE	370 U	370 U	390 U	390 U	390 U	390 U	390 U	390 U	340 U	350 U
ANTHRACENE	370 U	370 U	390 U	390 U	390 U	390 U	390 U	390 U	36 J	350 U
BENZO(A)ANTHRACENE	370 U	370 U	390 U	390 U	390 U	390 U	390 U	390 U	340 U	350 U
BENZO(A)PYRENE	370 U	370 U	390 U	390 U	390 U	390 U	390 U	390 U	340 U	350 U
BENZO(B)FLUORANTHENE	370 U	370 U	390 U	390 U	390 U	390 U	390 U	390 U	340 U	350 U
BENZO(G,H,I)PERYLENE	55 J	370 U	390 U	390 U	390 U	390 U	390 U	390 U	340 U	350 U
BENZO(K)FLUORANTHENE	370 U	370 U	390 U	390 U	390 U	390 U	390 U	390 U	340 U	350 U
CHRYSENE	23 J	370 U	390 U	390 U	390 U	390 U	390 U	21 J	340 U	18 J
DIBENZO(A,H)ANTHRACENE	370 U	370 U	390 U	390 U	390 U	390 U	390 U	390 U	340 U	350 U
FLUORANTHENE	21 J	370 U	390 U	390 U	390 U	390 U	390 U	23 J	340 U	350 U
FLUORENE	370 U	370 U	390 U	390 U	390 U	390 U	390 U	390 U	340 U	350 U
INDENO(1,2,3-CD)PYRENE	370 U	370 U	390 U	390 U	390 U	390 U	390 U	390 U	340 U	350 U
NAPHTHALENE	21 J	370 U	390 U	390 U	390 U	390 U	390 U	390 U	340 U	350 U
PHENANTHRENE	57 J	370 U	390 U	390 U	390 U	390 U	390 U	390 U	340 U	350 U
PYRENE	28 J	370 U	390 U	390 U	390 U	390 U	390 U	21 J	340 U	350 U
TOTAL PAHS	205	0 U	0 U	0 U	0 U	0 U	0 U	65	36	18
Energetics (mg/kg)										
1,3,5-TRINITROBENZENE	0.26	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.225 J	37.5	0.25 U	0.25 U
1,3-DINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.04 J	0.25 U	0.25 U	0.02 J	0.25 U	0.25 U	2.78	2030	0.25 U	0.25 U
2,4-DINITROTOLUENE	0.1 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.06 J	25 U	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	26 U	0.26 U	0.26 U
2-AMINO-4,6-DINITROTOLUENE	0.01 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1.38	25 U	0.25 U	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.125 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1.18	25 U	0.25 U	0.25 U
HMX	1.29 J	0.41 J	2.2 U	0.035 J	2.2 U	2.2 U	117	232	2.2 U	2.2 U
RDX	0.235 J	1 U	1 U	1 U	1 U	1 U	1.35	60.5 J	1 U	1 U
TETRYL	0.65 U	0.65 U	65 U	0.65 U	0.65 U	0.65 U	0.65 U	65 U	0.65 U	0.65 U

1993 SOIL SAMPLE RESULTS
SWMU 3 - AMMUNITION BURNING GROUNDS
NSWC CRANE
CRANE, INDIANA

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03/10-31	03/10-32	03/10-33	03/10-33	03/10-34	03/10-34	03/10-35	03/10-35	03/10-36	03/10-37
NSAMPLE	03/10-31-93-1	03/10-32-93-1	03/10-33-93-1	03/10-33-93-1-D	03/10-34-93-1	03/10-34-93-2	03/10-35-93-1	03/10-35-93-2	03/10-36-93-1	03/10-37-93-1
SAMPLE	03/10-31-93-1	03/10-32-93-1	03/10-33-93-1	03/10-DUP7-93	03/10-34-93-1	03/10-34-93-2	03/10-35-93-1	03/10-35-93-2	03/10-36-93-1	03/10-37-93-1
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	0 - 30	0 - 30	0 - 30	0 - 30	0 - 30	30 - 60	0 - 30	30 - 60	0 - 30	0 - 30
SAMPLE DATE	8/24/1993	8/24/1993	8/23/1993	8/23/1993	8/22/1993	8/22/1993	8/23/1993	8/23/1993	8/22/1993	8/22/1993
Inorganics (mg/kg)										
ALUMINUM	14600	9620	9390	9560	13900	9010	21200	17500	5610	5890
ANTIMONY	36.9	0.9 U	0.9 U	0.9 U	0.9 U	1.07	0.9 U	1.62	2.96	0.9 U
ARSENIC	11.9	10.3	6.29	7.11	9.85	5.93	5.17	5.04	6.52	5.67
BARIUM	1740	170	166	254	323	70.3	520	503	328	195
BERYLLIUM										
CADMIUM	4.58	3	0.226	0.689	0.423	0.039	2.46	2.04	2.19	1.14
CALCIUM	20300	3190	12200	3250	3240	1140	4550	4820	171000	3650
CHROMIUM	86.4	21.5	13.9	13.8	18.1	12.7	14.9	13.6	16.6	12.2
COBALT	25.1	16.7	14.9	13.7	24.9	28.7	15.2	12.9	13.8	11.5
COPPER	616	33.1	15.3	31.4	19.1	6.7	19.2	143	136	30.7
CYANIDE										
IRON	129000	43700	19100	21200	36500	30200	17100	16400	16800	17900
LEAD	4940	21.3	18	30.6	10.7	12.8	351	255	361	24.8
MAGNESIUM	3580	1070	1170	1150	2320	897	1580	1390	10000	2280
MANGANESE	2310	1270	800	842	2450	1300	2540	1610	61.3	480
MERCURY	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
NICKEL	52.4	22.2	17	17.2	87.2	11.9	19.5	17.1	17.5	13.2
POTASSIUM										
SELENIUM										
SILVER	6.6	1 U	1 U	1 U	1 U	1 U	3.2	1.2	1 U	1 U
SODIUM	755	49.4 B	68.9 B	38.7 B	95.4	64	45.4 B	47.1 B	85.2 B	41.7 B
THALLIUM										
TIN	1550	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
TOTAL PHOSPHORUS	1220	584	223	302	148	118	721	807	164	373
VANADIUM										
ZINC	3370	213	102	123	79.6	40.6	457	319	879	172

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03/10-37	03/10-38	03/10-38	03/10-39	03/10-40	03/10-41	03/10-42	03/10-43	03/10-44	03/10-45
NSAMPLE	03/10-37-93-1-D	03/10-38-93-1	03/10-38-93-2	03/10-39-93-1	03/10-40-93-1	03/10-41-93-1	03/10-42-93-1	03/10-43-93-1	03/10-44-93-1	03/10-45-93-1
SAMPLE	03/10-DUP5-93-1	03/10-38-93-1	03/10-38-93-2	3/10-39-93-1	3/10-40-93-1	3/10-41-93-1	03/10-42-93-1	03/10-43-93-1	03/10-44-93-1	03/10-45-93-1
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	0 - 30	0 - 30	30 - 60	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18
SAMPLE DATE	8/21/1993	8/23/1993	8/23/1993	8/10/1993	8/10/1993	8/10/1993	8/16/1993	8/17/1993	8/17/1993	8/17/1993
Volatile Organics (µg/kg)										
1,1,1-TRICHLOROETHANE	5.5 U	5.5 U	5.5 U	5.5 U	5 U	5 U	5.5 U	5.5 U	5.5 U	5 U
1,1,2,2-TETRACHLOROETHANE	5.5 U	5.5 U	5.5 U	5.5 U	5 U	5 U	5.5 U	5.5 U	5.5 U	5 U
1,1,2-TRICHLOROETHANE	5.5 U	5.5 U	5.5 U	5.5 U	5 U	5 U	5.5 U	5.5 U	5.5 U	5 U
1,1-DICHLOROETHANE	5.5 U	5.5 U	5.5 U	5.5 U	5 U	5 U	5.5 U	5.5 U	5.5 U	5 U
1,1-DICHLOROETHENE	5.5 U	5.5 U	5.5 U	5.5 U	5 U	5 U	5.5 U	5.5 U	5.5 U	5 U
1,2-DICHLOROETHANE	5.5 U	5.5 U	5.5 U	5.5 U	5 U	5 U	5.5 U	5.5 U	5.5 U	5 U
1,2-DICHLOROPROPANE	5.5 U	5.5 U	5.5 U	5.5 U	5 U	5 U	5.5 U	5.5 U	5.5 U	5 U
2-BUTANONE	110 U	110 U	110 U	110 U	100 U	100 U	110 U	110 U	110 U	100 U
2-HEXANONE	55 U	55 U	55 U	5.5 U	5 U	5 U	55 U	55 U	55 U	50 U
4-METHYL-2-PENTANONE	55 U	55 U	55 U	5.5 U	5 U	5 U	55 U	55 U	55 U	50 U
ACETONE	25 BJ	100 BJ	99 BJ	11 U	88 BJ	25 BJ	75 BJ	110 U	34 BJ	100 U
BENZENE	5.5 U	5.5 U	5.5 U	5.5 U	5 U	5 U	5.5 U	5.5 U	5.5 U	5 U
BROMODICHLOROMETHANE	5.5 U	5.5 U	5.5 U	5.5 U	5 U	5 U	5.5 U	5.5 U	5.5 U	5 U
BROMOETHANE	11 U	11 U	11 U	11 U	10 U	10 U	110 U	11 U	11 U	10 U
BROMOFORM	5.5 U	5.5 U	5.5 U	5.5 U	5 U	5 U	5.5 U	5.5 U	5.5 U	5 U
CARBON DISULFIDE	5.5 U	5.5 U	5.5 U	5.5 U	5 U	5 U	5.5 U	5.5 U	5.5 U	5 U
CARBON TETRACHLORIDE	5.5 U	5.5 U	5.5 U	5.5 U	5 U	5 U	5.5 U	5.5 U	5.5 U	5 U
CHLOROBENZENE	5.5 U	5.5 U	5.5 U	5.5 U	5 U	5 U	5.5 U	5.5 U	5.5 U	5 U
CHLORODIBROMOMETHANE	5.5 U	5.5 U	5.5 U	5.5 U	5 U	5 U	5.5 U	5.5 U	5.5 U	5 U
CHLOROETHANE	11 U	11 U	11 U	11 U	10 U	10 U	110 U	11 U	11 U	10 U
CHLOROFORM	5.5 U	5.5 U	5.5 U	5.5 U	5 U	5 U	5.5 U	5.5 U	5.5 U	5 U
CHLOROMETHANE	11 U	11 U	11 U	11 U	10 U	10 U	110 U	11 U	11 U	10 U
CIS-1,2-DICHLOROETHENE	5.5 U	5.5 U	5.5 U	5.5 U	5 U	5 U	5.5 U	5.5 U	5.5 U	5 U
CIS-1,3-DICHLOROPROPENE	5.5 U	5.5 U	5.5 U	5.5 U	5 U	5 U	5.5 U	5.5 U	5.5 U	5 U
ETHYLBENZENE	5.5 U	5.5 U	5.5 U	5.5 U	5 U	5 U	5.5 U	5.5 U	5.5 U	5 U
METHYLENE CHLORIDE	22 B	88 B	70 B	14 B	80 B	59 B	41 B	96 B	74 B	59 B
STYRENE	5.5 U	5.5 U	5.5 U	5.5 U	5 U	5 U	5.5 U	5.5 U	5.5 U	5 U
TETRACHLOROETHENE	5.5 U	5.5 U	5.5 U	5.5 U	5 U	5 U	5.5 U	5.5 U	5.5 U	5 U
TOLUENE	5.5 U	5.5 U	5.5 U	5.5 U	5 U	5 U	5.5 U	5.5 U	5.5 U	5 U
TOTAL XYLENES	5.5 U	5.5 U	2.4 J	5.5 U	5 U	5 U	2.3 J	9.2 J	5.5 U	5 J
TRANS-1,2-DICHLOROETHENE	5.5 U	5.5 U	5.5 U	5.5 U	5 U	5 U	5.5 U	5.5 U	5.5 U	5 U
TRANS-1,3-DICHLOROPROPENE	5.5 U	5.5 U	5.5 U	5.5 U	5 U	5 U	5.5 U	5.5 U	5.5 U	5 U
TRICHLOROETHENE	5.5 U	5.5 U	5.5 U	5.5 U	5 U	5 U	5.5 U	5.5 U	5.5 U	5 U
VINYL ACETATE	55 U	55 U	55 U	5.5 U	5 U	5 U	55 U	55 U	55 U	50 U
VINYL CHLORIDE	11 U	11 U	11 U	11 U	10 U	10 U	110 U	11 U	11 U	10 U

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03/10-37	03/10-38	03/10-38	03/10-39	03/10-40	03/10-41	03/10-42	03/10-43	03/10-44	03/10-45
NSAMPLE	03/10-37-93-1-D	03/10-38-93-1	03/10-38-93-2	03/10-39-93-1	03/10-40-93-1	03/10-41-93-1	03/10-42-93-1	03/10-43-93-1	03/10-44-93-1	03/10-45-93-1
SAMPLE	03/10-DUP5-93-1	03/10-38-93-1	03/10-38-93-2	3/10-39-93-1	3/10-40-93-1	3/10-41-93-1	03/10-42-93-1	03/10-43-93-1	03/10-44-93-1	03/10-45-93-1
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	0 - 30	0 - 30	30 - 60	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18
SAMPLE DATE	8/21/1993	8/23/1993	8/23/1993	8/10/1993	8/10/1993	8/10/1993	8/16/1993	8/17/1993	8/17/1993	8/17/1993
Semivolatile Organics (µg/kg)										
2-METHYLNAPHTHALENE								380 U	380 U	
ACENAPHTHENE	340 U	390 U	390 U	340 U	350 U	360 U	400 U	380 U	380 U	350 U
ACENAPHTHYLENE	340 U	390 U	390 U	340 U	350 U	360 U	400 U	380 U	380 U	350 U
ANTHRACENE	340 U	390 U	390 U	340 U	350 U	360 U	400 U	380 U	380 U	350 U
BENZO(A)ANTHRACENE	340 U	390 U	390 U	340 U	350 U	360 U	400 U	380 U	380 U	350 U
BENZO(A)PYRENE	340 U	390 U	390 U	340 U	350 U	360 U	400 U	380 U	380 U	350 U
BENZO(B)FLUORANTHENE	340 U	390 U	390 U	340 U	350 U	360 U	400 U	380 U	380 U	350 U
BENZO(G,H,I)PERYLENE	340 U	390 U	390 U	340 U	350 U	360 U	400 U	380 U	380 U	350 U
BENZO(K)FLUORANTHENE	340 U	390 U	390 U	340 U	350 U	360 U	400 U	380 U	380 U	350 U
CHRYSENE	340 U	390 U	390 U	340 U	350 U	360 U	400 U	380 U	380 U	350 U
DIBENZO(A,H)ANTHRACENE	340 U	390 U	390 U	340 U	350 U	360 U	400 U	380 U	380 U	350 U
FLUORANTHENE	340 U	390 U	390 U	340 U	350 U	360 U	400 U	380 U	380 U	350 U
FLUORENE	340 U	390 U	390 U	340 U	350 U	360 U	400 U	380 U	380 U	350 U
INDENO(1,2,3-CD)PYRENE	340 U	390 U	390 U	340 U	350 U	360 U	400 U	380 U	380 U	350 U
NAPHTHALENE	340 U	390 U	390 U	340 U	350 U	360 U	400 U	380 U	380 U	350 U
PHENANTHRENE	340 U	390 U	390 U	340 U	350 U	360 U	400 U	380 U	380 U	350 U
PYRENE	340 U	390 U	390 U	340 U	350 U	360 U	400 U	380 U	380 U	350 U
TOTAL PAHS	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U
Energetics (mg/kg)										
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25	0.25	0.25	0.235 J	0.25 U	0.095 J	0.495
1,3-DINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25	0.25	0.25	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25	0.25	0.25	0.925	0.161 J	0.22	0.055 J
2,4-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25	0.25	0.25	0.13 J	1.3	0.25 U	0.015 J
2,6-DINITROTOLUENE	0.26 U	0.26 U	0.26 U	0.26	0.26	0.26	0.26 U	0.305	0.15 J	0.26 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25	0.25	0.25	0.58	0.25 U	0.44	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25	0.25	0.25	0.75	0.12 J	0.385	0.135 J
HMX	2.2 U	2.2 U	2.2 U	2.2	2.2	2.2	8.9	3.74	6.05	11.4
RDX	1 U	1 U	1 U	1	1	1	3.58	0.445 J	10.9	0.48 J
TETRYL	0.65 U	0.65 U	0.65 U	0.65	0.65	0.65	0.65 U	0.65 U	0.65 U	0.65 U

1993 SOIL SAMPLE RESULTS
SWMU 3 - AMMUNITION BURNING GROUNDS
NSWC CRANE
CRANE, INDIANA

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03/10-37	03/10-38	03/10-38	03/10-39	03/10-40	03/10-41	03/10-42	03/10-43	03/10-44	03/10-45
NSAMPLE	03/10-37-93-1-D	03/10-38-93-1	03/10-38-93-2	03/10-39-93-1	03/10-40-93-1	03/10-41-93-1	03/10-42-93-1	03/10-43-93-1	03/10-44-93-1	03/10-45-93-1
SAMPLE	03/10-DUP5-93-1	03/10-38-93-1	03/10-38-93-2	3/10-39-93-1	3/10-40-93-1	3/10-41-93-1	03/10-42-93-1	03/10-43-93-1	03/10-44-93-1	03/10-45-93-1
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	0 - 30	0 - 30	30 - 60	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18
SAMPLE DATE	8/21/1993	8/23/1993	8/23/1993	8/10/1993	8/10/1993	8/10/1993	8/16/1993	8/17/1993	8/17/1993	8/17/1993
Inorganics (mg/kg)										
ALUMINUM	4390	7760	9110	8190	8200	9610	17000	8620	15300	7660
ANTIMONY	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	2.63	0.9 U	1.4
ARSENIC	6.88	6.32	3.37	4.26	20.7	4.33	8.42	3.56	6	4.2
BARIUM	198	145	103	41.2	47.1	49.7	1410	208	104	138
BERYLLIUM										
CADMIUM	1.2	0.313	0.096	0.09 B	0.15 B	0.12 B	2.63	1.26	0.47 B	1.26
CALCIUM	3950	961	510	7720	3260	1340	23900	104000	7040	88400
CHROMIUM	8.1	11.8	8.6	11	13.4	11.3	32.9	10.9	18.7	9.7
COBALT	9.5	11.3	16.1	8.6	10.3	10.1	18	7.3	11.2	11.2
COPPER	41.6	28.3	6.7	5.8	7.7	12.9	265	93.6	37.8	29.7
CYANIDE										
IRON	15900	19400	11400	14800	21300	16200	23900	10900	24100	10500
LEAD	22.1	15.7	14.1	6.1	6.5	11.7	372	1510	240	948
MAGNESIUM	2190	782	716	1820	1090	1080	10000	12800	2320	19700
MANGANESE	568	395	1420	365	428	692	739	335	534	478
MERCURY	0.1 U	0.118	0.1 U	0.16	0.1 U	0.123	0.733	0.106	0.173	1.926
NICKEL	11.7	9.5	11.2	11.9	12.8	13.8	29.3	12	22.1	13.6
POTASSIUM										
SELENIUM										
SILVER	1 U	1 U	1 U	1 U	1 U	1 U	2.2	1 U	1 U	1 U
SODIUM	36.2 B	29.7 B	29.3 B	80 B	69.7 B	111 B	130 B	143 B	85.2 B	180 B
THALLIUM										
TIN	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
TOTAL PHOSPHORUS	250	170	246	150	152	293	188	92.1	199	93.5
VANADIUM										
ZINC	123	42.4	27.5	33.1	48.2	73.1	135	189	179	137

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03/10-46	03/10-47	03/10-48	03/10-48	03/10-49	03/10-50	03/10-50	03/10-51	03/10-52	03/10-53
NSAMPLE	03/10-46-93-1	03/10-47-93-1	03/10-48-93-1	03/10-48-93-1-D	03/10-49-93-1	03/10-50-93-1	03/10-50-93-1-D	03/10-51-93-1	03/10-52-93-1	03/10-53-93-1
SAMPLE	3/10-46-93-1	03/10-47-93-1	03/10-48-93-1	03/10-DUP3-93-1	03/10-49-93-1	03/10-50-93-1	03/10-DUP2-93-1	03/10-51-93-1	03/10-52-93-1	3/10-53-93-1
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18
SAMPLE DATE	8/10/1993	8/19/1993	8/16/1993	8/17/1993	8/17/1993	8/19/1993	8/19/1993	8/19/1993	8/17/1993	8/11/1993
Volatile Organics (µg/kg)										
1,1,1-TRICHLOROETHANE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
1,1,2,2-TETRACHLOROETHANE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
1,1,2-TRICHLOROETHANE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
1,1-DICHLOROETHANE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
1,1-DICHLOROETHENE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
1,2-DICHLOROETHANE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
1,2-DICHLOROPROPANE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
2-BUTANONE	100 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U	100 U
2-HEXANONE	5 U	55 U	55 U	55 U	55 U	55 U	55 U	55 U	55 U	55 U
4-METHYL-2-PENTANONE	5 U	55 U	55 U	55 U	55 U	55 U	55 U	55 U	55 U	55 U
ACETONE	12 BJ	28 BJ	21 BJ	23 BJ	110 U	18 BJ	23 BJ	18 BJ	110 U	26 BJ
BENZENE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
BROMODICHLOROMETHANE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
BROMOETHANE	10 U	11 U	110 U	110 U	110 U	11 U	11 U	11 U	110 U	11 U
BROMOFORM	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
CARBON DISULFIDE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
CARBON TETRACHLORIDE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
CHLOROBENZENE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
CHLORODIBROMOMETHANE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
CHLOROETHANE	10 U	11 U	110 U	110 U	110 U	11 U	11 U	11 U	110 U	11 U
CHLOROFORM	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
CHLOROMETHANE	10 U	11 U	110 U	110 U	110 U	11 U	11 U	11 U	110 U	11 U
CIS-1,2-DICHLOROETHENE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
CIS-1,3-DICHLOROPROPENE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
ETHYLBENZENE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	1.6 J
METHYLENE CHLORIDE	66 B	96 B	48 B	27 B	87 B	24 B	59 B	51 B	33 B	26 B
STYRENE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
TETRACHLOROETHENE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
TOLUENE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
TOTAL XYLENES	5 U	0.6 J	5.5 U	5.5 U	0.9 J	5 U	1 J	5 U	5.5 U	9.2 J
TRANS-1,2-DICHLOROETHENE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
TRANS-1,3-DICHLOROPROPENE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
TRICHLOROETHENE	5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
VINYL ACETATE	5 U	55 U	55 U	55 U	55 U	55 U	55 U	55 U	55 U	55 U
VINYL CHLORIDE	10 U	11 U	110 U	110 U	110 U	11 U	11 U	11 U	110 U	11 U

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03/10-46	03/10-47	03/10-48	03/10-48	03/10-49	03/10-50	03/10-50	03/10-51	03/10-52	03/10-53
NSAMPLE	03/10-46-93-1	03/10-47-93-1	03/10-48-93-1	03/10-48-93-1-D	03/10-49-93-1	03/10-50-93-1	03/10-50-93-1-D	03/10-51-93-1	03/10-52-93-1	03/10-53-93-1
SAMPLE	3/10-46-93-1	03/10-47-93-1	03/10-48-93-1	03/10-DUP3-93-1	03/10-49-93-1	03/10-50-93-1	03/10-DUP2-93-1	03/10-51-93-1	03/10-52-93-1	3/10-53-93-1
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18
SAMPLE DATE	8/10/1993	8/19/1993	8/16/1993	8/17/1993	8/17/1993	8/19/1993	8/19/1993	8/19/1993	8/17/1993	8/11/1993
Semivolatile Organics (µg/kg)										
2-METHYLNAPHTHALENE										
ACENAPHTHENE	360 U	380 U	380 U	380 U	360 U	380 U	380 U	380 U	380 U	370 U
ACENAPHTHYLENE	360 U	380 U	380 U	380 U	360 U	380 U	380 U	380 U	380 U	370 U
ANTHRACENE	360 U	380 U	380 U	380 U	360 U	380 U	380 U	380 U	380 U	370 U
BENZO(A)ANTHRACENE	360 U	380 U	380 U	380 U	360 U	380 U	380 U	380 U	380 U	370 U
BENZO(A)PYRENE	360 U	380 U	380 U	380 U	360 U	380 U	380 U	380 U	380 U	370 U
BENZO(B)FLUORANTHENE	360 U	380 U	380 U	380 U	360 U	380 U	380 U	380 U	380 U	370 U
BENZO(G,H,I)PERYLENE	360 U	380 U	380 U	380 U	360 U	380 U	380 U	380 U	380 U	370 U
BENZO(K)FLUORANTHENE	360 U	380 U	380 U	380 U	360 U	380 U	380 U	380 U	380 U	370 U
CHRYSENE	360 U	380 U	380 U	380 U	360 U	380 U	380 U	380 U	380 U	370 U
DIBENZO(A,H)ANTHRACENE	360 U	380 U	380 U	380 U	360 U	380 U	380 U	380 U	380 U	370 U
FLUORANTHENE	360 U	380 U	380 U	380 U	360 U	380 U	380 U	380 U	380 U	370 U
FLUORENE	360 U	380 U	380 U	380 U	360 U	380 U	380 U	380 U	380 U	370 U
INDENO(1,2,3-CD)PYRENE	360 U	380 U	380 U	380 U	360 U	380 U	380 U	380 U	380 U	370 U
NAPHTHALENE	360 U	380 U	380 U	380 U	360 U	380 U	380 U	380 U	380 U	370 U
PHENANTHRENE	360 U	380 U	380 U	380 U	360 U	380 U	380 U	380 U	380 U	370 U
PYRENE	360 U	380 U	380 U	380 U	360 U	380 U	380 U	380 U	380 U	370 U
TOTAL PAHS	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U
Energetics (mg/kg)										
1,3,5-TRINITROBENZENE	0.25	0.25 U	0.46	0.055 J	0.25 U	0.25 U	0.25 U	0.25 U	0.1 J	0.25 U
1,3-DINITROBENZENE	0.25	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25	0.25 U	18.2	0.705	0.15 J	0.425	3.22	0.695	0.475	0.25 U
2,4-DINITROTOLUENE	0.25	0.25 U	0.115 J	0.025 J	1.06	0.25 U	0.25 U	0.25 U	0.84	0.25 U
2,6-DINITROTOLUENE	0.26	0.26 U	0.26 U	0.26 U	0.575	0.26 U	0.26 U	0.26 U	0.355	0.26 U
2-AMINO-4,6-DINITROTOLUENE	0.25	0.25 U	0.62	0.165 J	0.175 J	0.15 J	0.245 J	0.25 U	0.27	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25	0.25 U	0.25 U	0.25	0.26	0.165 J	0.225 J	0.12 J	0.505	0.25 U
HMX	2.2	2.2 U	0.28 J	0.025 J	3.16	2.2 U	0.09 J	0.29 J	1.38 J	2.2 U
RDX	1	1 U	19.5	0.67 J	0.415 J	1 U	.1 U	0.635 J	0.82 J	1 U
TETRYL	0.65	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03/10-46	03/10-47	03/10-48	03/10-48	03/10-49	03/10-50	03/10-50	03/10-51	03/10-52	03/10-53
NSAMPLE	03/10-46-93-1	03/10-47-93-1	03/10-48-93-1	03/10-48-93-1-D	03/10-49-93-1	03/10-50-93-1	03/10-50-93-1-D	03/10-51-93-1	03/10-52-93-1	03/10-53-93-1
SAMPLE	3/10-46-93-1	03/10-47-93-1	03/10-48-93-1	03/10-DUP3-93-1	03/10-49-93-1	03/10-50-93-1	03/10-DUP2-93-1	03/10-51-93-1	03/10-52-93-1	3/10-53-93-1
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18
SAMPLE DATE	8/10/1993	8/19/1993	8/16/1993	8/17/1993	8/17/1993	8/19/1993	8/19/1993	8/19/1993	8/17/1993	8/11/1993
Inorganics (mg/kg)										
ALUMINUM	10200	7980	12900		7010	9830		10500	11000	17600
ANTIMONY	0.9 U	0.9 U	0.9 U		0.9 U	0.9 U		0.9 U	0.9 U	0.9 U
ARSENIC	4.37	10.5	5.58		4.08	6.93		6.64	8.24	7.7
BARIUM	55.8	42.6	984		111	463		184	116	60.3
BERYLLIUM										
CADMIUM	0.12 B	0.17 B	1		0.7	7.9		1.81	0.34 B	0.05 B
CALCIUM	1420	316 B	28700		78000	27100		30400	11100	724
CHROMIUM	13.9	14.5	18.3		9.6	15.7		14.2	15.5	21.3
COBALT	9.3	11.4	18.9		10.3	12.8		10.5	13.6	7.7
COPPER	11.6	10.1	73.8		58.5	80.2		122	18.5	13.1
CYANIDE										
IRON	15500	19300	23600		10300	18800		15800	19600	25900
LEAD	10.7	14.1	163		1270	96		93.1	42.5	11.8
MAGNESIUM	1190	697	5670		15900	3610		7600	3410	1930
MANGANESE	456	291	598		365	569		510	318	211
MERCURY	0.109	2.51	0.808		0.928	4.71		0.564	0.41	0.1 U
NICKEL	12.2	8.1	23.8		11.8	16.5		13.1	26.1	11.3
POTASSIUM										
SELENIUM										
SILVER	1 U	1 U	1 U		1 U	1 U		1 U	1 U	1 U
SODIUM	70.3 B	26.8 B	68.9 B		103 B	91.9 B		148 B	113 B	117 B
THALLIUM										
TIN	5 U	5 U	5 U		5 U	5 U		5 U	5 U	5 U
TOTAL PHOSPHORUS	185	122	243		76.8	232		231	152	152
VANADIUM										
ZINC	51.1	40.1	110		131	476		304	80.9	50.7

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03/10-54	03/10-54	03/10-55	03/10-56	03/10-57	03/10-58	03/10-59	03/10-60	03/10-61	03/10-62
NSAMPLE	03/10-54-93-1	03/10-54-93-1-D	03/10-55-93-1	03/10-56-93-1	03/10-57-93-1	03/10-58-93-1	03/10-59-93-1	03/10-60-93-1	03/10-61-93-1	03/10-62-93-1
SAMPLE	3/10-54-93-1	3/10-DUPLI-93-1	03/10-55-93-1	03/10-56-93-1	03/10-57-93-1	03/10-58-93-1	3/10-59-93-1	03/10-60-93-1	03/10-61-93-1	03/10-62-93-1
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18
SAMPLE DATE	8/12/1993	8/12/1993	8/19/1993	8/19/1993	8/19/1993	8/17/1993	8/11/1993	8/19/1993	8/12/1993	8/17/1993
Volatile Organics (µg/kg)										
1,1,1-TRICHLOROETHANE	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U
1,1,2,2-TETRACHLOROETHANE	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U
1,1,2-TRICHLOROETHANE	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U
1,1-DICHLOROETHANE	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U
1,1-DICHLOROETHENE	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U
1,2-DICHLOROETHANE	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U
1,2-DICHLOROPROPANE	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U
2-BUTANONE	100 U	110 U	120 U	110 U	110 U	110 U	100 U	120 U	120 U	110 U
2-HEXANONE	55 U	55 U	60 U	55 U	55 U	55 U	55 U	60 U	55 U	55 U
4-METHYL-2-PENTANONE	55 U	55 U	60 U	55 U	55 U	55 U	55 U	60 U	55 U	55 U
ACETONE	33 BJ	51 BJ	17 BJ	27 BJ	14 BJ	110 U	300	15 BJ	3700	15 BJ
BENZENE	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U
BROMODICHLOROMETHANE	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U
BROMOETHANE	11 U	11 U	12 U	11 U	11 U	110 U	11 U	12 U	12 U	11 U
BROMOFORM	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U
CARBON DISULFIDE	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U
CARBON TETRACHLORIDE	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U
CHLOROBENZENE	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U
CHLORODIBROMOMETHANE	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U
CHLOROETHANE	11 U	11 U	12 U	11 U	11 U	110 U	11 U	12 U	12 U	11 U
CHLOROFORM	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U
CHLOROMETHANE	11 U	11 U	12 U	11 U	11 U	110 U	11 U	12 U	12 U	11 U
CIS-1,2-DICHLOROETHENE	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U
CIS-1,3-DICHLOROPROPENE	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U
ETHYLBENZENE	0.8 J	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U
METHYLENE CHLORIDE	130 B	37 B	68 B	36 B	30 B	37 B	99 B	37 B	100 B	92 B
STYRENE	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U
TETRACHLOROETHENE	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U
TOLUENE	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U
TOTAL XYLENES	4.8 J	2.7 J	6 U	5 U	5 U	1 J	5.5 U	6 U	6 U	5.5 U
TRANS-1,2-DICHLOROETHENE	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U
TRANS-1,3-DICHLOROPROPENE	5.5 U	5.5 U	6 U	5.5 U	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U
TRICHLOROETHENE	5.5 U	5.5 U	6 U	17	5.5 U	5.5 U	5.5 U	6 U	6 U	5.5 U
VINYL ACETATE	55 U	55 U	60 U	55 U	55 U	55 U	55 U	60 U	55 U	55 U
VINYL CHLORIDE	11 U	11 U	12 U	11 U	11 U	110 U	11 U	12 U	12 U	11 U

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03/10-54	03/10-54	03/10-55	03/10-56	03/10-57	03/10-58	03/10-59	03/10-60	03/10-61	03/10-62
NSAMPLE	03/10-54-93-1	03/10-54-93-1-D	03/10-55-93-1	03/10-56-93-1	03/10-57-93-1	03/10-58-93-1	03/10-59-93-1	03/10-60-93-1	03/10-61-93-1	03/10-62-93-1
SAMPLE	3/10-54-93-1	3/10-DUPLI-93-1	03/10-55-93-1	03/10-56-93-1	03/10-57-93-1	03/10-58-93-1	3/10-59-93-1	03/10-60-93-1	03/10-61-93-1	03/10-62-93-1
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18
SAMPLE DATE	8/12/1993	8/12/1993	8/19/1993	8/19/1993	8/19/1993	8/17/1993	8/11/1993	8/19/1993	8/12/1993	8/17/1993
Semivolatile Organics (µg/kg)										
2-METHYLNAPHTHALENE										63 J
ACENAPHTHENE	390 U	390 U	380 U	380 U	380 U	350 U	350 U	380 U	410 U	380 U
ACENAPHTHYLENE	390 U	390 U	380 U	380 U	380 U	350 U	350 U	380 U	410 U	380 U
ANTHRACENE	390 U	390 U	380 U	380 U	380 U	350 U	350 U	380 U	410 U	380 U
BENZO(A)ANTHRACENE	47 J	23 J	380 U	380 U	380 U	350 U	350 U	380 U	410 U	380 U
BENZO(A)PYRENE	38 J	390 U	380 U	380 U	380 U	350 U	350 U	380 U	410 U	380 U
BENZO(B)FLUORANTHENE	53 J	33 J	380 U	380 U	380 U	350 U	350 U	380 U	410 U	380 U
BENZO(G,H,I)PERYLENE	33 J	30 J	380 U	380 U	380 U	350 U	350 U	380 U	410 U	17 J
BENZO(K)FLUORANTHENE	39 J	25 J	380 U	380 U	380 U	350 U	350 U	380 U	410 U	380 U
CHRYSENE	63 J	41 J	380 U	380 U	380 U	350 U	350 U	380 U	410 U	20 J
DIBENZO(A,H)ANTHRACENE	390 U	390 U	380 U	380 U	380 U	350 U	350 U	380 U	410 U	380 U
FLUORANTHENE	84 J	42 J	380 U	15 J	380 U	350 U	350 U	380 U	410 U	40 J
FLUORENE	390 U	390 U	380 U	380 U	380 U	350 U	350 U	380 U	410 U	380 U
INDENO(1,2,3-CD)PYRENE	32 J	390 U	380 U	380 U	380 U	350 U	350 U	380 U	410 U	380 U
NAPHTHALENE	390 U	390 U	380 U	380 U	380 U	350 U	350 U	380 U	410 U	40 J
PHENANTHRENE	45 J	21 J	380 U	16 J	380 U	350 U	350 U	380 U	22 J	84 J
PYRENE	74 J	37 J	380 U	380 U	380 U	350 U	350 U	380 U	410 U	43 J
TOTAL PAHS	508	210	0 U	31	0 U	0 U	0 U	0 U	22	307
Energetics (mg/kg)										
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1.44	1.6
1,3-DINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	136	0.13 J	0.045 J	0.25 U	0.25 U	19.8	0.565
2,4-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.125 J	0.25 U	0.045 J	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.26 U	0.25 U	0.26 U	0.26 U	0.26 U	0.1 J	0.26 U	0.26 U	0.26 U	0.26 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.475	0.25 U	0.03 J	0.25 U	0.25 U	5.65	0.205 J
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.075 J	0.25 U	0.25 U	8.2	0.34
HMX	2.2 U	2.2 U	2.2 U	0.19 J	9.2	0.105 J	2.2 U	2.2 U	223	19.2
RDX	1 U	1 U	1 U	1 U	1 U	0.035 J	1 U	1 U	1820	3.02
TETRYL	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U

1993 SOIL[illegible]LE RESULTS
SWMU 3 - AMMUNI[illegible]N BURNING GROUNDS
NSWC CRANE
CRANE, INDIANA

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03/10-54	03/10-54	03/10-55	03/10-56	03/10-57	03/10-58	03/10-59	03/10-60	03/10-61	03/10-62
NSAMPLE	03/10-54-93-1	03/10-54-93-1-D	03/10-55-93-1	03/10-56-93-1	03/10-57-93-1	03/10-58-93-1	03/10-59-93-1	03/10-60-93-1	03/10-61-93-1	03/10-62-93-1
SAMPLE	3/10-54-93-1	3/10-DUPLI-93-1	03/10-55-93-1	03/10-56-93-1	03/10-57-93-1	03/10-58-93-1	3/10-59-93-1	03/10-60-93-1	03/10-61-93-1	03/10-62-93-1
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18
SAMPLE DATE	8/12/1993	8/12/1993	8/19/1993	8/19/1993	8/19/1993	8/17/1993	8/11/1993	8/19/1993	8/12/1993	8/17/1993
Inorganics (mg/kg)										
ALUMINUM	6690		7410	14700	9370	6460	12400	7510	80400	10500
ANTIMONY	1.36		0.9 U	0.9 U	0.9 U	1.26	0.9 U	0.9 U	2.34 U	2.94
ARSENIC	5.57		6.91	5.62	5.38	5.38	5.18	4.68	3	6.54
BARIUM	142		84.1	154	94.7	177	95.9	88.7	578	347
BERYLLIUM										
CADMIUM	4.99		1	1	0.27 B	2.24	0.22 B	1.04	68.8	0.85
CALCIUM	34300		17300	20800	4090	83800	2810	1400	9630	132000
CHROMIUM	13.2		13.3	14.7	15.2	13.4	16.2	10.4	21.1	29.2
COBALT	10.4		14.2	13.9	7.59	12.9	9.19	14.2	11.1	11.8
COPPER	84.9		35.2	38.7	17.8	85.6	14.5	22.4	776	504
CYANIDE										
IRON	17000		16900	13300	19200	14200	18900	13200	17100	20100
LEAD	88.2		31.7	62.4	21.6	95.5	20.8	24.8	280	377
MAGNESIUM	2280		1430	5500	1750	9810	1610	843	29000	6080
MANGANESE	346		556	361	250	784	404	802	835	2490
MERCURY	2.54		0.856	2.33	2.77	1.13	0.1 U	3.05	3.34	0.438
NICKEL	20.6		13.5	26.7	9.29	19	17	12.2	25.9	24.9
POTASSIUM										
SELENIUM										
SILVER	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1.7	1.1
SODIUM	61.1 B		31 B	61.1 B	58.7 B	131 B	67.3	31.5 B	86 B	107 B
THALLIUM										
TIN	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.7
TOTAL PHOSPHORUS	147		190	180	206	364	167	200	175	348
VANADIUM										
ZINC	509		120	177	69.8	405	53.5	114	1440	1600

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03
LOCATION	03/10-63	03/10-64	03/10-65	03/10-66	03/10-67	03/10-68	03/10-69	03/10-70	03/10-71
NSAMPLE	03/10-63-93-1	03/10-64-93-1	03/10-65-93-1	03/10-66-93-1	03/10-67-93-1	03/10-68-93-1	03/10-69-93-1	03/10-70-93-1	03/10-71-93-1
SAMPLE	3/10-63-93-1	3/10-64-93-1	03/10-65-93-1	03/10-66-93-1	03/10-67-93-1	3/10-68-93-1	3/10-69-93-1	3/10-70-93-1	3/10-71-93-1
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18
SAMPLE DATE	8/11/1993	8/11/1993	8/17/1993	8/18/1993	8/17/1993	8/11/1993	8/11/1993	8/11/1993	8/11/1993
Volatile Organics (µg/kg)									
1,1,1-TRICHLOROETHANE	5.5 U	5.5 U	6 U	6 U	6 U	5.5 U	6 U	5.5 U	6 U
1,1,2,2-TETRACHLOROETHANE	5.5 U	5.5 U	6 U	6 U	6 U	5.5 U	6 U	5.5 U	6 U
1,1,2-TRICHLOROETHANE	5.5 U	5.5 U	6 U	6 U	6 U	5.5 U	6 U	5.5 U	6 U
1,1-DICHLOROETHANE	5.5 U	5.5 U	6 U	6 U	6 U	5.5 U	6 U	5.5 U	6 U
1,1-DICHLOROETHENE	5.5 U	5.5 U	6 U	6 U	6 U	5.5 U	6 U	5.5 U	6 U
1,2-DICHLOROETHANE	5.5 U	5.5 U	6 U	6 U	6 U	5.5 U	6 U	5.5 U	6 U
1,2-DICHLOROPROPANE	5.5 U	5.5 U	6 U	6 U	6 U	5.5 U	6 U	5.5 U	6 U
2-BUTANONE	100 U	110 U	120 U	120 U	120 U	100 U	120 U	110 U	120 U
2-HEXANONE	55 U	5.5 U	60 U	60 U	60 U	55 U	6 U	5.5 U	6 U
4-METHYL-2-PENTANONE	55 U	5.5 U	60 U	60 U	60 U	55 U	6 U	5.5 U	6 U
ACETONE	32 BJ	27 BJ	20 BJ	27 BJ	20 BJ	18 BJ	53 BJ	12 BJ	37 BJ
BENZENE	5.5 U	5.5 U	6 U	6 U	6 U	5.5 U	6 U	5.5 U	6 U
BROMODICHLOROMETHANE	5.5 U	5.5 U	6 U	6 U	6 U	5.5 U	6 U	5.5 U	6 U
BROMOETHANE	11 U	11 U	12 U	12 U	12 U	11 U	12 U	11 U	12 U
BROMOFORM	5.5 U	5.5 U	6 U	6 U	6 U	5.5 U	6 U	5.5 U	6 U
CARBON DISULFIDE	5.5 U	5.5 U	6 U	6 U	6 U	5.5 U	6 U	5.5 U	6 U
CARBON TETRACHLORIDE	5.5 U	5.5 U	6 U	6 U	6 U	5.5 U	6 U	5.5 U	6 U
CHLOROBENZENE	5.5 U	5.5 U	6 U	6 U	6 U	5.5 U	6 U	5.5 U	6 U
CHLORODIBROMOMETHANE	5.5 U	5.5 U	6 U	6 U	6 U	5.5 U	6 U	5.5 U	6 U
CHLOROETHANE	11 U	11 U	12 U	12 U	12 U	11 U	12 U	11 U	12 U
CHLOROFORM	5.5 U	5.5 U	6 U	6 U	6 U	5.5 U	6 U	5.5 U	6 U
CHLOROMETHANE	11 U	11 U	12 U	12 U	12 U	11 U	12 U	11 U	12 U
CIS-1,2-DICHLOROETHENE	5.5 U	5.5 U	6 U	6 U	6 U	5.5 U	6 U	5.5 U	6 U
CIS-1,3-DICHLOROPROPENE	5.5 U	5.5 U	6 U	6 U	6 U	5.5 U	6 U	5.5 U	6 U
ETHYLBENZENE	5.5 U	5.5 U	6 U	6 U	6 U	5.5 U	6 U	5.5 U	6 U
METHYLENE CHLORIDE	78 B	82 B	72 B	72 B	87 B	35 B	78 B	14 B	22 B
STYRENE	5.5 U	5.5 U	6 U	6 U	6 U	5.5 U	6 U	5.5 U	6 U
TETRACHLOROETHENE	5.5 U	5.5 U	6 U	6 U	6 U	5.5 U	6 U	5.5 U	6 U
TOLUENE	5.5 U	5.5 U	6 U	6 U	6 U	5.5 U	60 U	5.5 U	0.61 J
TOTAL XYLENES	5.5 U	5.5 U	6 U	6 U	6 U	2.4 J	6 U	5.5 U	6 U
TRANS-1,2-DICHLOROETHENE	5.5 U	5.5 U	6 U	6 U	6 U	5.5 U	6 U	5.5 U	6 U
TRANS-1,3-DICHLOROPROPENE	5.5 U	5.5 U	6 U	6 U	6 U	5.5 U	6 U	5.5 U	6 U
TRICHLOROETHENE	5.5 U	5.5 U	6 U	0.8 J	0.7 J	5.5 U	6 U	5.5 U	6 U
VINYL ACETATE	55 U	5.5 U	60 U	60 U	60 U	55 U	6 U	5.5 U	6 U
VINYL CHLORIDE	11 U	11 U	12 U	12 U	12 U	11 U	12 U	11 U	12 U

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03
LOCATION	03/10-63	03/10-64	03/10-65	03/10-66	03/10-67	03/10-68	03/10-69	03/10-70	03/10-71
NSAMPLE	03/10-63-93-1	03/10-64-93-1	03/10-65-93-1	03/10-66-93-1	03/10-67-93-1	03/10-68-93-1	03/10-69-93-1	03/10-70-93-1	03/10-71-93-1
SAMPLE	3/10-63-93-1	3/10-64-93-1	03/10-65-93-1	03/10-66-93-1	03/10-67-93-1	3/10-68-93-1	3/10-69-93-1	3/10-70-93-1	3/10-71-93-1
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18
SAMPLE DATE	8/11/1993	8/11/1993	8/17/1993	8/18/1993	8/17/1993	8/11/1993	8/11/1993	8/11/1993	8/11/1993
Semivolatile Organics (µg/kg)									
2-METHYLNAPHTHALENE			380 U	22 J	70 J				
ACENAPHTHENE	390 U	3600 U	380 U	380 U	380 U	350 U	380 U	360 U	370 U
ACENAPHTHYLENE	390 U	3600 U	380 U	380 U	380 U	350 U	380 U	360 U	370 U
ANTHRACENE	390 U	3600 U	380 U	380 U	380 U	26 J	380 U	360 U	370 U
BENZO(A)ANTHRACENE	390 U	73 J	380 U	380 U	380 U	200 J	380 U	360 U	370 U
BENZO(A)PYRENE	390 U	55 J	380 U	380 U	380 U	280 J	380 U	360 U	370 U
BENZO(B)FLUORANTHENE	390 U	200 J	380 U	23 J	24 J	370	380 U	360 U	370 U
BENZO(G,H,I)PERYLENE	390 U	29 J	380 U	380 U	380 U	210 J	380 U	360 U	370 U
BENZO(K)FLUORANTHENE	390 U	110 J	380 U	14 J	16 J	310 J	380 U	360 U	370 U
CHRYSENE	390 U	190 J	380 U	30 J	38 J	320 J	380 U	360 U	370 U
DIBENZO(A,H)ANTHRACENE	390 U	3600 U	380 U	380 U	380 U	40 J	380 U	360 U	370 U
FLUORANTHENE	390 U	170 J	380 U	28 J	26 J	240 J	380 U	360 U	370 U
FLUORENE	390 U	3600 U	380 U	380 U	380 U	350 U	380 U	360 U	370 U
INDENO(1,2,3-CD)PYRENE	390 U	21 J	380 U	380 U	380 U	230 J	380 U	360 U	370 U
NAPHTHALENE	390 U	3600 U	380 U	20 J	35 J	350 U	380 U	360 U	370 U
PHENANTHRENE	390 U	51 J	380 U	54 J	79 J	66 J	380 U	360 U	29 J
PYRENE	390 U	180 J	380 U	33 J	28 J	330 J	380 U	360 U	21 J
TOTAL PAHS	0 U	1079	0 U	150	316	3102	0 U	0 U	50
Energetics (mg/kg)									
1,3,5-TRINITROBENZENE	0.25 U	0.25	0.25 U	0.25 U	0.195 J	0.115 J	0.25	0.25	0.25
1,3-DINITROBENZENE	0.25 U	0.25	0.25 U	0.25 U	0.25 U	0.25 U	0.25	0.25	0.25
2,4,6-TRINITROTOLUENE	0.25 U	0.25	0.06 J	0.175 J	1.38	0.1 J	3.82	0.25	0.25
2,4-DINITROTOLUENE	0.25 U	0.25	0.25 U	0.25 U	0.095 J	0.25 U	0.25	0.25	0.25
2,6-DINITROTOLUENE	0.26 U	0.26	0.26 U	0.26 U	0.26 U	0.26 U	0.26	0.26	0.26
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25	0.25 U	0.25 U	0.25	0.25 U	0.25	0.25	0.25
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.105 J	0.25 U	0.06 J	0.44	0.125 J	0.76	0.25	0.25
HMX	2.2 U	2.2	6.05	0.125 J	2.88	0.17 J	64	1.5 J	0.295 J
RDX	1 U	1	1 U	1 U	1.36	1 U	192	1	1
TETRYL	0.65 U	0.65	0.65 U	0.65 U	0.65 U	0.65 U	0.65	0.65	0.65

1993 SOIL SAMPLE RESULTS
SWMU 3 - AMMUNITION BURNING GROUNDS
NSWC CRANE
CRANE, INDIANA

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03
LOCATION	03/10-63	03/10-64	03/10-65	03/10-66	03/10-67	03/10-68	03/10-69	03/10-70	03/10-71
NSAMPLE	03/10-63-93-1	03/10-64-93-1	03/10-65-93-1	03/10-66-93-1	03/10-67-93-1	03/10-68-93-1	03/10-69-93-1	03/10-70-93-1	03/10-71-93-1
SAMPLE	3/10-63-93-1	3/10-64-93-1	03/10-65-93-1	03/10-66-93-1	03/10-67-93-1	3/10-68-93-1	3/10-69-93-1	3/10-70-93-1	3/10-71-93-1
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18	6 - 18
SAMPLE DATE	8/11/1993	8/11/1993	8/17/1993	8/18/1993	8/17/1993	8/11/1993	8/11/1993	8/11/1993	8/11/1993
Inorganics (mg/kg)									
ALUMINUM	18500	7860	10900	13300	26800	11200	14000	8330	11400
ANTIMONY	0.9 U	2.07	0.9 U	4.91	8.79 U	1.58	1.12	1.13	0.9 U
ARSENIC	6.03	4.16	6.02	11.8	11.1	6.78	6.9	5	5.79
BARIUM	336	137	155	830	1410	486	355	157	194
BERYLLIUM									
CADMIUM	0.22 B	3	0.83	5.54	20.8	6.04	0.79	0.7	0.5
CALCIUM	4220	114000	2030	8550	49600	64700	2780	9060	2400
CHROMIUM	26	16	17.5	26.2	70.2	19.8	17.3	10.3	15.6
COBALT	17.4	8	10.5	13.1	17.2	12.3	13.2	10.8	13.3
COPPER	21.1	99.8	34	290	1310	148	54.2	36.6	26.6
CYANIDE									
IRON	22100	13200	28400	28300	40100	17900	21600	15300	19100
LEAD	13.9	107	35.2	538	1070	232	55.9	42.4	21.6
MAGNESIUM	3070	8810	1720	3080	6160	4780	1610	1530	1230
MANGANESE	504	548	853	1620	2830	956	870	655	1050
MERCURY	0.1 U	0.168	0.186	0.44	0.724	0.276	0.234	0.173	0.116
NICKEL	39	13.9	20.9	31.3	42.6	22	19.8	13.4	17.8
POTASSIUM									
SELENIUM									
SILVER	1 U	1 U	1 U	1 U	19	1 U	1 U	1 U	1 U
SODIUM	246 B	135 B	52.9 B	62.3 B	226 B	108 B	79.8 B	89.6 B	65.3
THALLIUM									
TIN	5 U	5 U	5 U	8.4	52.7	5 U	5 U	5 U	5 U
TOTAL PHOSPHORUS	154	25.4 U	142	977	1250	482	124	218	174
VANADIUM									
ZINC	58.1	489	130	1850	3930	434	184	122	97

1995 SOIL SAMPLE RESULTS
SWMU 3 - AMMUNITION BURNING GROUNDS
NSWC CRANE
CRANE, INDIANA

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	A01	A01	A02	A03	A04	A05	A06	A06	A07	A08
NSAMPLE	CR95-03SS-A01-01	CR95-03SS-A01-01-D	CR95-03SS-A02-01	CR95-03SS-A03-01	CR95-03SS-A04-01	CR95-03SS-A05-01	CR95-03SS-A06-01	CR95-03SS-A06-01-D	CR95-03SS-A07-01	CR95-03SS-A08-01
SAMPLE	CR95-03SS-A01-01	CR95-03SS-A01-02	CR95-03SS-A02-01	CR95-03SS-A03-01	CR95-03SS-A04-01	CR95-03SS-A05-01	CR95-03SS-A06-01	CR95-03SS-A06-02	CR95-03SS-A07-01	CR95-03SS-A08-01
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	-9999 - -9999	-9999 - -9999	-9999 - -9999	-9999 - -9999	-9999 - -9999	-9999 - -9999	-9999 - -9999	-9999 - -9999	-9999 - -9999	-9999 - -9999
SAMPLE DATE	8/29/1995	8/29/1995	8/29/1995	8/29/1995	8/29/1995	8/29/1995	8/29/1995	8/29/1995	8/29/1995	8/29/1995
Semivolatile Organics (µg/kg)										
1,2,4-TRICHLOROBENZENE	460 U	9600 U	400 U	420 U	400 U	380 U				
1,2-DICHLOROBENZENE	460 U	9600 U	400 U	420 U	400 U	380 U				
1,3-DICHLOROBENZENE	460 U	9600 U	400 U	420 U	400 U	380 U				
1,4-DICHLOROBENZENE	460 U	9600 U	400 U	420 U	400 U	380 U				
2,2'-OXYBIS(1-CHLOROPROPANE)	460 U	9600 U	400 U	420 U	400 U	380 U				
2,4,5-TRICHLOROPHENOL	1100 U	23000 U	980 U	1000 U	960 U	920 U				
2,4,6-TRICHLOROPHENOL	460 U	9600 U	400 U	420 U	400 U	380 U				
2,4-DICHLOROPHENOL	460 U	9600 U	400 U	420 U	400 U	380 U				
2,4-DIMETHYLPHENOL	460 U	9600 U	400 U	420 U	400 U	380 U				
2,4-DINITROPHENOL	1100 U	23000 U	980 U	1000 U	960 U	920 U				
2,4-DINITROTOLUENE	130 J	76000	99 J	420 U	580	380 U				
2,6-DINITROTOLUENE	460 U	4000 J	400 U	420 U	39 J	380 U				
2-CHLORONAPHTHALENE	460 U	9600 U	400 U	420 U	400 U	380 U				
2-CHLOROPHENOL	460 U	9600 U	400 U	420 U	400 U	380 U				
2-METHYLNAPHTHALENE	460 U	9600 U	400 U	420 U	400 U	380 U				
2-METHYLPHENOL	460 U	9600 U	400 U	420 U	400 U	380 U				
2-NITROANILINE	1100 U	23000 U	980 U	1000 U	960 U	920 U				
2-NITROPHENOL	460 U	9600 U	400 U	420 U	400 U	380 U				
3,3'-DICHLOROBENZIDINE	460 U	9600 UJ	400 U	420 U	400 U	380 U				
3-NITROANILINE	1100 U	23000 U	980 U	1000 U	960 U	920 U				
4,6-DINITRO-2-METHYLPHENOL	1100 U	23000 U	980 U	1000 U	960 U	920 U				
4-BROMOPHENYL PHENYL ETHER	460 U	9600 U	400 U	420 U	400 U	380 U				
4-CHLORO-3-METHYLPHENOL	460 U	9600 U	400 U	420 U	400 U	380 U				
4-CHLOROANILINE	460 U	9600 U	400 U	420 U	400 U	380 U				
4-CHLOROPHENYL PHENYL ETHER	460 U	9600 U	400 U	420 U	400 U	380 U				
4-METHYLPHENOL	460 U	9600 U	400 U	420 U	400 U	380 U				
4-NITROANILINE	1100 U	23000 U	980 U	1000 U	960 U	920 U				
4-NITROPHENOL	1100 U	23000 UJ	980 U	1000 U	960 U	920 U				
ACENAPHTHENE	460 U	9600 U	400 U	420 U	400 U	380 U				
ACENAPHTHYLENE	460 U	9600 U	400 U	420 U	400 U	380 U				
ANTHRACENE	460 U	9600 U	400 U	420 U	400 U	380 U				
BENZO(A)ANTHRACENE	460 U	9600 U	400 U	420 U	400 U	380 U				
BENZO(A)PYRENE	460 U	9600 U	400 U	420 U	400 U	380 U				

1995 SOIL SAMPLE RESULTS
SWMU 3 - AMMUNITION BURNING GROUNDS
NSWC CRANE
CRANE, INDIANA

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	A01	A01	A02	A03	A04	A05	A06	A06	A07	A08
NSAMPLE	CR95-03SS-A01-01	CR95-03SS-A01-01-D	CR95-03SS-A02-01	CR95-03SS-A03-01	CR95-03SS-A04-01	CR95-03SS-A05-01	CR95-03SS-A06-01	CR95-03SS-A06-01-D	CR95-03SS-A07-01	CR95-03SS-A08-01
SAMPLE	CR95-03SS-A01-01	CR95-03SS-A01-02	CR95-03SS-A02-01	CR95-03SS-A03-01	CR95-03SS-A04-01	CR95-03SS-A05-01	CR95-03SS-A06-01	CR95-03SS-A06-02	CR95-03SS-A07-01	CR95-03SS-A08-01
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	-9999 - -9999	-9999 - -9999	-9999 - -9999	-9999 - -9999	-9999 - -9999	-9999 - -9999	-9999 - -9999	-9999 - -9999	-9999 - -9999	-9999 - -9999
SAMPLE DATE	8/29/1995	8/29/1995	8/29/1995	8/29/1995	8/29/1995	8/29/1995	8/29/1995	8/29/1995	8/29/1995	8/29/1995
Semivolatile Organics (µg/kg) (Continued)										
BENZO(G,H,I)PERYLENE	460 U	9600 U	400 U	420 U	400 U	380 U				
BENZO(K)FLUORANTHENE	460 U	9600 U	400 U	420 U	400 U	380 U				
BIS(2-CHLOROETHOXY)METHANE	460 U	9600 U	400 U	420 U	400 U	380 U				
BIS(2-CHLOROETHYL)ETHER	460 U	9600 U	400 U	420 U	400 U	380 U				
BIS(2-ETHYLHEXYL)PHTHALATE	460 U	9600 U	400 U	420 U	400 U	380 U				
BUTYL BENZYL PHTHALATE	460 U	9600 U	400 U	420 U	400 U	380 U				
CARBAZOLE	460 U	9600 U	400 U	420 U	400 U	380 U				
CHRYSENE	460 U	9600 U	400 U	420 U	400 U	380 U				
DI-N-BUTYL PHTHALATE	46 J	56000	130 J	50 J	1000	24 J				
DI-N-OCTYL PHTHALATE	460 U	9600 U	400 U	420 U	400 U	380 U				
DIBENZO(A,H)ANTHRACENE	460 U	9600 U	400 U	420 U	400 U	380 U				
DIBENZOFURAN	460 U	9600 U	400 U	420 U	400 U	380 U				
DIETHYL PHTHALATE	460 U	9600 U	400 U	23 J	400 U	380 U				
DIMETHYL PHTHALATE	460 U	9600 U	400 U	420 U	400 U	380 U				
FLUORANTHENE	460 U	9600 U	400 U	420 U	400 U	380 U				
FLUORENE	460 U	9600 U	400 U	420 U	400 U	380 U				
HEXACHLOROBENZENE	460 U	9600 U	400 U	420 U	400 U	380 U				
HEXACHLOROBUTADIENE	460 U	9600 U	400 U	420 U	400 U	380 U				
HEXACHLOROCYCLOPENTADIENE	460 UJ	9600 U	400 UJ	420 UJ	400 UJ	380 UJ				
HEXACHLOROETHANE	460 U	9600 U	400 U	420 U	400 U	380 U				
INDENO(1,2,3-CD)PYRENE	460 U	9600 U	400 U	420 U	400 U	380 U				
ISOPHORONE	460 U	9600 U	400 U	420 U	400 U	380 U				
N-NITROSO-DI-N-PROPYLAMINE	460 U	9600 UJ	400 U	420 U	400 U	380 U				
N-NITROSODIPHENYLAMINE	460 U	8100 J	400 U	420 U	48 J	380 U				
NAPHTHALENE	460 U	9600 U	400 U	420 U	400 U	380 U				
NITROBENZENE	460 U	9600 U	400 U	420 U	400 U	380 U				
PENTACHLOROPHENOL	1100 U	23000 U	980 U	1000 U	960 U	920 U				
PHENANTHRENE	460 U	9600 U	400 U	420 U	400 U	380 U				
PHENOL	460 U	9600 U	400 U	420 U	400 U	380 U				
PYRENE	460 U	9600 U	400 U	420 U	400 U	380 U				
TOTAL PAHS										

1995 SOIL SAMPLE RESULTS
SWMU 3 - AMMUNITION BURNING GROUNDS
NSWC CRANE
CRANE, INDIANA

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	A01	A01	A02	A03	A04	A05	A06	A06	A07	A08
NSAMPLE	CR95-03SS-A01-01	CR95-03SS-A01-01-D	CR95-03SS-A02-01	CR95-03SS-A03-01	CR95-03SS-A04-01	CR95-03SS-A05-01	CR95-03SS-A06-01	CR95-03SS-A06-01-D	CR95-03SS-A07-01	CR95-03SS-A08-01
SAMPLE	CR95-03SS-A01-01	CR95-03SS-A01-02	CR95-03SS-A02-01	CR95-03SS-A03-01	CR95-03SS-A04-01	CR95-03SS-A05-01	CR95-03SS-A06-01	CR95-03SS-A06-02	CR95-03SS-A07-01	CR95-03SS-A08-01
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	-9999 - -9999	-9999 - -9999	-9999 - -9999	-9999 - -9999	-9999 - -9999	-9999 - -9999	-9999 - -9999	-9999 - -9999	-9999 - -9999	-9999 - -9999
SAMPLE DATE	8/29/1995	8/29/1995	8/29/1995	8/29/1995	8/29/1995	8/29/1995	8/29/1995	8/29/1995	8/29/1995	8/29/1995
Energetics (mg/kg)										
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U				
1,3-DINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U				
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U				
2,4-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U				
2,6-DINITROTOLUENE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U				
2-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U				
3-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U				
4-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U				
HMX	2.31	1.11 J	2.2 U	0.967 J	0.449 J	2.2 U				
NITROBENZENE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U				
RDX	2.07 J	0.772 J	1 U	1 U	1 U	1 U				
TETRYL	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U				
Dioxins/Furans (ng/kg)										
1,2,3,4,6,7,8,9-OCDD							1170 J	1510 J	824 J	256 J
1,2,3,4,6,7,8,9-OCDF							25.4 J	10.3 J	31.1 J	13.4 J
1,2,3,4,6,7,8-HPCDD							33.6 J	42.3 J	30 J	38.7 J
1,2,3,4,6,7,8-HPCDF							8.96 J	4.41 U	11.4 J	7.09 J
1,2,3,4,7,8,9-HPCDF							0.21 U	0.79 U	0.58 U	2.23 U
1,2,3,4,7,8-HXCDD							0.17 U	0.84	0.18 U	0.2 U
1,2,3,4,7,8-HXCDF							11 U	0.16 U	2.45	1.03 U
1,2,3,6,7,8-HXCDD							1.11	0.84 U	1.04 U	2.39
1,2,3,6,7,8-HXCDF							0.61 U	0.14 U	1.62 U	0.86 U
1,2,3,7,8,9-HXCDD							1.86	2.39	1.9	3.69
1,2,3,7,8,9-HXCDF							0.24 U	0.48 U	0.32 U	1.08 U
1,2,3,7,8-PECDD							0.22 U	0.21 U	0.17 U	0.49 U
1,2,3,7,8-PECDF							0.2 U	0.26 U	0.16 U	0.23 U
2,3,4,6,7,8-HXCDF							0.23 U	0.16 U	0.31 U	1.04 U
2,3,4,7,8-PECDF							0.19 U	0.25 U	0.16 U	0.23 U
2,3,7,8-TCDD							0.15 U	0.11 U	0.16 U	0.22 U
2,3,7,8-TCDF							0.14 U	0.13 U	1.81 J	2.23

1995 SOIL SAMPLE RESULTS
SWMU 3 - AMMUNITION BURNING GROUNDS
NSWC CRANE
CRANE, INDIANA

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	A01	A01	A02	A03	A04	A05	A06	A06	A07	A08
NSAMPLE	CR95-03SS-A01-01	CR95-03SS-A01-01-D	CR95-03SS-A02-01	CR95-03SS-A03-01	CR95-03SS-A04-01	CR95-03SS-A05-01	CR95-03SS-A06-01	CR95-03SS-A06-01-D	CR95-03SS-A07-01	CR95-03SS-A08-01
SAMPLE	CR95-03SS-A01-01	CR95-03SS-A01-02	CR95-03SS-A02-01	CR95-03SS-A03-01	CR95-03SS-A04-01	CR95-03SS-A05-01	CR95-03SS-A06-01	CR95-03SS-A06-02	CR95-03SS-A07-01	CR95-03SS-A08-01
MATRIX	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
DEPTH RANGE	-9999 - -9999	-9999 - -9999	-9999 - -9999	-9999 - -9999	-9999 - -9999	-9999 - -9999	-9999 - -9999	-9999 - -9999	-9999 - -9999	-9999 - -9999
SAMPLE DATE	8/29/1995	8/29/1995	8/29/1995	8/29/1995	8/29/1995	8/29/1995	8/29/1995	8/29/1995	8/29/1995	8/29/1995
Inorganics (mg/kg)										
ALUMINUM	6010 J	6480 J	3810 J	5340 J	7550 J	9050 J				
ANTIMONY	0.77 UJ	0.82 UJ	0.75 UJ	1.3 J	0.71 UJ	0.93 J				
ARSENIC	7.8	8.7	6.5	6	8.6	14.3				
BARIUM	163	164	121	167	340	2720				
BERYLLIUM	0.71	0.74	0.72	0.59	0.55	0.9				
CADMIUM	1.8	1.7	0.99	0.78	1	0.23 U				
CALCIUM	7580 J	7720 J	9350 J	3760 J	2930 J	7040 J				
CHROMIUM	11.2	12.9	8.5	7.3	13.2	14				
COBALT	12.1	10.8	10.5	11.1	9.9	20 J				
COPPER	41.3	46.5	19.2	54.7	91.6	20.2				
CYANIDE	0.42	0.47	0.29	0.2	0.45	0.43				
IRON	16800 J	17000 J	12800 J	11100 J	14900 J	30900 J				
LEAD	155 UJ	165 UJ	123 UJ	76 UJ	92.2 UJ	32.1 J				
MAGNESIUM	1090	1160	1110	753	977	1610				
MANGANESE	1070	1040	1040	1000	1040	839				
MERCURY	0.13 U	0.14 U	0.13 U	0.13 U	0.12 U	0.12 U				
NICKEL	13.6	13.6	11.5	13.3	12.7	28.2				
POTASSIUM	891 U	862 U	864 U	628 U	911 U	2140				
SELENIUM	0.6	0.62	0.5 U	0.5 U	0.48 U	0.68				
SILVER	0.26 U	0.27 U	0.25 U	0.25 U	0.55	0.23 U				
SODIUM	36.6 U	38.7 U	35.5 U	35.8 U	33.8 U	33.1 U				
THALLIUM	0.52 U	0.55 U	0.5 U	0.5 U	0.48 U	0.57 U				
TIN										
TOTAL PHOSPHORUS										
VANADIUM	15.3	15.4	12.3	10.4	16	19.2 J				
ZINC	166	169	71.6	130	301	131				

1998 THROUGH 2ND QUARTER OF 2004

NSWC CRANE ABG MTA GROUND WATER MONITORING RESULTS

SWMU 03 – AMMUNITION BURING GROUND

1998 GROUND WATER MONITORING DATA

SWMU 03 - Amm[illegible] Burning Ground
NSWC Crane
Summary of 1998 Groundwater Data

LOCATION	03B02	03B02	03B02	03B02	03B04	03B04	03C02P2	03C02P2	03C03	03C03
NSAMPLE	AB024A98	AB024A98-D	AB024A98-F	AB024A98-F-D	AB044A98	AB044A98-F	AC02P24A98	AC02P24A98-F	AC034A98	AC034A98-F
SAMPLE	ABG03B02GW01	GWFD110598-1	ABG03B02GW01-F	GWFD110598-1-F	ABG03B04GW01	ABG03B04GW01-F	ABG03C02P2GW01	ABG03C02P2GW01-F	ABG03C03GW01	ABG03C03GW01-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/5/1998	11/5/1998	11/5/1998	11/5/1998	11/9/1998	11/9/1998	11/9/1998	11/9/1998	11/6/1998	11/6/1998
Volatile Organics (ug/L)										
1,1-DICHLOROETHENE	0.5 U	0.5 U			0.5 U		0.5 U		0.5 U	
CIS-1,2-DICHLOROETHENE	0.5 U	0.5 U			0.5 U		1.7		0.5 U	
ETHANE	0.092 U	0.078 U			0.033 U				0.140 J	
ETHENE	0.005 U	0.005 U			0.009				0.005 U	
METHANE	7.723 J	6.77 J			2.667 U				13.897 J	
TRANS-1,2-DICHLOROETHENE	0.5 U	0.5 U			0.5 U		0.5 U		0.5 U	
TRICHLOROETHENE	0.5 U	0.5 U			0.5 U		28		0.5 U	
VINYL CHLORIDE	0.5 U	0.5 U			0.5 U		0.5 U		0.5 U	
Explosives (ug/L)										
1,3,5-TRINITROBENZENE	0.53 U	1.4 U			0.42 U		0.48 U		0.78 U	
1,3-DINITROBENZENE	0.53 U	1.4 U			0.42 U		0.48 U		0.78 U	
2,4,6-TRINITROTOLUENE	0.53 U	1.4 U			0.42 U		0.48 U		0.78 U	
2,4-DIAMINO-6-NITROTOLUENE	0.53 U	1.4 U			0.42 U				0.78 U	
2,4-DINITROTOLUENE	0.53 U	1.4 U			0.42 U		0.48 U		0.78 U	
2,6-DIAMINO-4-NITROTOLUENE	0.53 U	1.4 U			0.42 U				0.78 U	
2,6-DINITROTOLUENE	0.53 U	1.4 U			0.42 U		0.48 U		0.78 U	
2-AMINO-4,6-DINITROTOLUENE	0.53 U	1.4 U			0.42 U		0.48 U		0.78 U	
2-NITROTOLUENE	0.53 U	1.4 U			0.42 U		0.48 U		0.78 U	
3,5-DINITROANILINE	2.9 U	7.3 U			2.2 U				4.2 U	
3-NITROTOLUENE	0.53 U	1.4 U			0.42 U		0.48 U		0.78 U	
4,4'-TN-AZOXY	0.53 U	1.4 U			0.42 U				0.78 U	
4-AMINO-2,6-DINITROTOLUENE	0.53 U	1.4 U			0.42 U		0.48 U		0.78 U	
4-NITROTOLUENE	0.53 U	1.4 U			0.42 U		0.48 U		0.78 U	
HMX	0.53 U	1.4 U			0.42 U		28		0.78 U	
MNX	0.53 U	1.4 U			0.42 U				0.78 U	
NITROBENZENE	0.53 U	1.4 U			0.42 U		0.48 U		0.78 U	
NITROCELLULOSE	1000 U	1000 U			1000 U		1100 U		1000 U	
NITROGLYCERIN	5.3 U	14 U			4.2 U		4.8 U		7.8 U	
PETN	2.6 U	6.7 U			2 U		2.4 U		3.8 U	
PICRIC ACID	1.1 U	1.2 U			1.0 U				1.0 U	
RDX	0.53 U	1.4 U			0.42 U		21		0.78 U	
TETRYL	0.53 U	1.4 U			0.42 U		0.48 U		0.78 U	
TNX	0.53 U	1.4 U			0.42 U				0.78 U	
Total Inorganics (ug/L)										
ANTIMONY	1.1 U	1.1 U			1.1 U		1.1 U		1.1 U	
ARSENIC	9.8	9.4			2.4		1.1 U		1.1 U	
BARIUM	87.4	85.8			69.8		96.2		40.3	
BERYLLIUM	1.1 U	1.1 U			1.1 U		1.1 U		1.1 U	
CADMIUM	1.1 U	1.1 U			1.1 U		1.1 U		1.1 U	
CHROMIUM	5.6 U	5.6 U			5.6 U		5.6 U		5.6 U	
COBALT	3.3 U	3.3 U			3.3 U		3.3 U		3.3 U	
COPPER	2.2 U	2.2 U			2.2 U		2.2 U		2.2 U	
IRON	12400 J	12000 J			2890 J		148		169 J	
LEAD	1.1 UR	1.1 UR			1.1 UR		1.1 U		1.2 UR	
MANGANESE	1340	1270			1070		16.7 U		16.7 U	
MERCURY	0.20 U	0.20 U			0.20 U		0.20 U		0.20 U	
NICKEL	11.1 U	11.1 U			11.1 U		11.1 U		11.1 U	
SELENIUM	1.1 U	1.1 U			1.1 U		2.3		1.1 U	

SWMU 03 - Ammunition Burning Ground
NSWC Crane
Summary of 1998 Groundwater Data

LOCATION	03B02	03B02	03B02	03B02	03B04	03B04	03C02P2	03C02P2	03C03	03C03
NSAMPLE	AB024A98	AB024A98-D	AB024A98-F	AB024A98-F-D	AB044A98	AB044A98-F	AC02P24A98	AC02P24A98-F	AC034A98	AC034A98-F
SAMPLE	ABG03B02GW01	GWFD110598-1	ABG03B02GW01-F	GWFD110598-1-F	ABG03B04GW01	ABG03B04GW01-F	ABG03C02P2GW01	ABG03C02P2GW01-F	ABG03C03GW01	ABG03C03GW01-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/5/1998	11/5/1998	11/5/1998	11/5/1998	11/9/1998	11/9/1998	11/9/1998	11/9/1998	11/6/1998	11/6/1998
SILVER	3.3 U	3.3 U			3.3 U		3.3 U		3.3 U	
THALLIUM	1.1 U	1.1 U			1.1 U		1.1 U		1.1 U	
TIN	11.1 U	11.1 U			11.1 U		11.1 U		11.1 U	
VANADIUM	2.2 U	2.2 U			2.2 U		2.2 U		2.2 U	
ZINC	11.1 U	11.1 U			11.1 U		11.1 U		11.1 U	
Dissolved Inorganics (ug/L)										
ANTIMONY			1.1 U	1.1 U		1.1 U		1.1 U		1.1 U
ARSENIC			10.2	10.0		2.6		1.1 U		1.1 U
BARIUM			86.9	90.6		72.2		94.8		42.1
BERYLLIUM			1.1 U	1.1 U		1.1 U		1.1 U		1.1 U
CADMIUM			1.1 U	1.1 U		1.1 U		1.1 U		1.1 U
CALCIUM			44700	43700		56000		119000		1200
CHROMIUM			5.6 U	5.6 U		5.6 U		5.6 U		5.6 U
COBALT			3.3 U	3.3 U		3.3 U		3.3 U		3.3 U
COPPER			2.2 U	2.2 U		2.2 U		2.2 U		2.2 U
LEAD			1.1 U	1.1 U		1.1 U		1.1 U		1.1 U
MAGNESIUM			6080	5960		10400		17900		1110 U
MANGANESE			1390	1350		1120		16.7 U		16.7 U
MERCURY			0.20 U	0.20 U		0.20 U		0.20 U		0.20 U
NICKEL			11.1 U	11.1 U		11.1 U		11.1 U		11.1 U
POTASSIUM			1120	1120		1110 U		2860		1110 U
SELENIUM			1.1 U	1.1 U		1.1 U		2.1		1.1 U
SILVER			3.3 U	3.3 U		3.3 U		3.3 U		3.3 U
SODIUM			10200	9920		4480		33000		240000
THALLIUM			1.1 U	1.1 U		1.1 U		1.1 U		1.1 U
TIN			11.1 U	11.1 U		11.1 U		11.1 U		11.1 U
VANADIUM			2.2 U	2.2 U		2.2 U		2.2 U		2.2 U
ZINC			11.1 U	11.1 U		11.1 U		11.1 U		11.1 U
Miscellaneous Parameters (mg/L)										
ALKALINITY	130 J	120 J			150 J		220 J		370 J	
BICARBONATE ALKALINITY	130 J	120 J			150 J		220 J		270 J	
CARBONATE ALKALINITY	2.0 U	2.0 U			2.0 U		2 U		100	
CHLORIDE	4.0	4.0			3.0				2.0	
CYANIDE	0.01 U	0.01 U			0.01 U		0.01 U		0.01 U	
NITRATE	0.20 U	0.20 U			0.20 U		3.4		0.20 U	
NITRITE	0.10 U	0.10 U			0.10 U				0.10 U	
PHOSPHORUS (ELEMENTAL)	0.02 U	0.02 U	0.02 U	0.02 U	0.01 U	0.01 U	0.04	0.04	0.03 U	0.03 U
SULFATE	27.0	26.0			23.0		58 J		400	
TOTAL ORGANIC CARBON	1.0 UJ	1.0 UJ			1.0 UJ		1.6		1.0 UJ	
TOTAL ORGANIC HALIDES	0.02 U	0.02 U			0.02 U		0.02 U		0.02 U	
Field Parameters										
DISSOLVED OXYGEN - METER (MG/L)	0.45				1.34		6.55		0.29	
OXIDATION REDUCTION POTENTIAL (MV)	-146.0				-74.6		169.4		-45.2	
PH	7.23				7.17		6.89		9.62	
SPECIFIC CONDUCTANCE (MS/CM)	0.417				0.446		0.765		1.050	
TEMPERATURE (C)	15				14		13.89		13.70	
TURBIDITY (NTU)	0.9				0		3		5	

SWMU 03 - Am[illegible] Burning Ground
NSWC Crane
Summary of 1998 Groundwater Data

LOCATION	03C04	03C07	03C07	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2	03C10
NSAMPLE	AC044A98	AC074A98	AC074A98-F	AC08P24A98	AC08P24A98-F	AC09P24A98	AC09P24A98-D	AC09P24A98-F	AC09P24A98-F-D	AC104A98
SAMPLE	ABG03C04GW01	ABG03C07GW01	ABG03C07GW01-F	ABG03C08P2GW01	ABG03C08P2GW01-F	ABG03C09P2GW01	GWFD110898-2	ABG03C09P2GW01-F	GWFD110898-2-F	ABG03C10GW01
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/11/1998	11/11/1998	11/11/1998	11/10/1998	11/10/1998	11/8/1998	11/8/1998	11/8/1998	11/8/1998	11/8/1998
Volatile Organics (ug/L)										
1,1-DICHLOROETHENE	0.5 U	0.5 U		0.5 U		0.5 U	0.5 U			0.5 U
CIS-1,2-DICHLOROETHENE	0.5 U	0.5 U		12		0.5 U	0.5 U			0.5 U
ETHANE	0.024 U									0.053 U
ETHENE	0.017									0.005 U
METHANE	37.82 J									1.833 U
TRANS-1,2-DICHLOROETHENE	0.5 U	0.5 U		0.5 U		0.5 U	0.5 U			0.5 U
TRICHLOROETHENE	0.5 U	4.1		59		160 J	150			59
VINYL CHLORIDE	0.5 U	0.5 U		0.5 U		0.5 U	0.5 U			0.5 U
Explosives (ug/L)										
1,3,5-TRINITROBENZENE	0.71 U	0.65 U		1.2 U		1.2 U	0.58 U			1.4 U
1,3-DINITROBENZENE	0.71 U	0.65 U		1.2 U		1.2 U	0.58 U			1.4 U
2,4,6-TRINITROTOLUENE	0.71 U	0.65 U		1.2 U		1.2 U	0.58 U			1.4 U
2,4-DIAMINO-6-NITROTOLUENE	0.71 U									1.4 U
2,4-DINITROTOLUENE	0.71 U	0.65 U		1.2 U		1.2 U	0.58 U			1.4 U
2,6-DIAMINO-4-NITROTOLUENE	0.71 U									1.4 U
2,6-DINITROTOLUENE	0.71 U	0.65 U		1.2 U		1.2 U	0.94			1.4 U
2-AMINO-4,6-DINITROTOLUENE	0.71 U	0.65 U		2.1		1.2 U	0.58 U			1.4 U
2-NITROTOLUENE	0.71 U	0.65 U		1.2 U		1.2 U	0.58 U			1.4 U
3,5-DINITROANILINE	3.9 U									7.3 U
3-NITROTOLUENE	0.71 U	0.65 U		1.2 U		1.2 U	0.58 U			1.4 U
4,4'-TN-AZOXY	0.71 U									1.4 U
4-AMINO-2,6-DINITROTOLUENE	0.71 U	0.65 U		3.7 J		1.2 U	0.58 U			1.4 U
4-NITROTOLUENE	0.71 U	0.65 U		1.2 U		1.2 U	0.58 U			1.4 U
HMX	0.71 U	7.3		33		3.8 J	3.8 J			6.3
MNX	0.71 U									2.8
NITROBENZENE	0.71 U	0.65 U		1.2 U		1.2 U	0.58 U			1.4 U
NITROCELLULOSE	1200 U	1400 U		1200 U		1300 U	1000 U			1000 U
NITROGLYCERIN	7.2 U	6.5 U		12 U		12 U	5.8 U			14 U
PETN	3.5 U	3.2 U		5.9 U		5.8 U	2.9 U			6.7 U
PICRIC ACID	1 U									1.0 U
RDX	0.71 U	36		100		170	140			130
TETRYL	0.71 U	0.65 U		1.2 U		1.2 U	0.58 U			1.4 U
TNX	0.71 U									1.4 U
Total Inorganics (ug/L)										
ANTIMONY	1.1 U	1.1 U		1.1 U		1.1 U	1.1 U			1.1 U
ARSENIC	1.2	1.1 U		1.1 U		1.1 U	1.1 U			1.1 U
BARIUM	41.8	29.0		68.6		15.8	14.3			42.2
BERYLLIUM	1.1 U	1.1 U		1.1 U		1.1 U	1.1 U			1.1 U
CADMIUM	1.1 U	1.1 U		1.1 U		1.1 U	1.1 U			1.1 U
CHROMIUM	5.6 U	5.6 U		5.6 U		5.6 U	5.6 U			5.6 U
COBALT	3.3 U	3.3 U		3.3 U		3.3 U	3.3 U			3.3 U
COPPER	2.2 U	2.2 U		2.2 U		2.2 U	2.2 U			2.2 U
IRON	531	107		129		477 J	419 J			207 J
LEAD	1.1 U	1.1 U		1.1 U		1.1 UR	1.1 UR			1.1 UR
MANGANESE	334	37.8		16.7 U		72.3	65.8			16.7 U
MERCURY	0.20 U	0.20 U		0.20 U		0.20 U	0.20 U			0.20 U
NICKEL	11.1 U	11.1 U		11.1 U		11.1 U	11.1 U			11.1 U
SELENIUM	3.6	2.0		1.3		1.2	1.4			2.0

LOCATION	03C04	03C07	03C07	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2	03C10
NSAMPLE	AC044A98	AC074A98	AC074A98-F	AC08P24A98	AC08P24A98-F	AC09P24A98	AC09P24A98-D	AC09P24A98-F	AC09P24A98-F-D	AC104A98
SAMPLE	ABG03C04GW01	ABG03C07GW01	ABG03C07GW01-F	ABG03C08P2GW01	ABG03C08P2GW01-F	ABG03C09P2GW01	GWFD110898-2	ABG03C09P2GW01-F	GWFD110898-2-F	ABG03C10GW01
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/11/1998	11/11/1998	11/11/1998	11/10/1998	11/10/1998	11/8/1998	11/8/1998	11/8/1998	11/8/1998	11/8/1998
SILVER	3.3 U	3.3 U		3.3 U		3.3 U	3.3 U			3.3 U
THALLIUM	1.1 U	1.1 U		1.1 U		1.1 U	1.1 U			1.1 U
TIN	11.1 U	11.1 U		11.1 U		11.1 U	11.1 U			11.1 U
VANADIUM	2.2 U	2.2 U		2.2 U		2.2 U	2.2 U			2.2 U
ZINC	11.1 U	11.1 U		11.1 U		20.8	11.1 U			11.1 U
Dissolved Inorganics (ug/L)										
ANTIMONY			1.1 U		1.1 U			1.1 U	1.1 U	
ARSENIC			1.1 U		1.1 U			1.1 U	1.1 U	
BARIUM			29.1		62.9			13.6	13.4	
BERYLLIUM			1.1 U		1.1 U			1.1 U	1.1 U	
CADMIUM			1.1 U		1.1 U			1.1 U	1.1 U	
CALCIUM			102000		123000			76700	84100	
CHROMIUM			5.6 U		5.6 U			5.6 U	5.6 U	
COBALT			3.3 U		3.3 U			3.3 U	3.3 U	
COPPER			5.4		2.2 U			2.2 U	2.2 U	
LEAD			1.1 U		1.1 U			1.1 U	1.1 U	
MAGNESIUM			48700		41900			15200	15900	
MANGANESE			34.3		16.7 U			16.7 U	16.7 U	
MERCURY			0.20 U		0.20 U			0.20 U	0.20 U	
NICKEL			11.1 U		11.1 U			11.1 U	11.1 U	
POTASSIUM			1740		10400			1200	1260	
SELENIUM			1.9		1.3			1.1 U	1.1 U	
SILVER			3.3 U		3.3 U			3.3 U	3.3 U	
SODIUM			23200		16900			4730	4870	
THALLIUM			1.1 U		1.1 U			1.1 U	1.1 U	
TIN			11.1 U		11.1 U			11.1 U	11.1 U	
VANADIUM			2.2 U		2.2 U			2.2 U	2.2 U	
ZINC			11.1 U		11.1 U			11.1 U	11.1 U	
Miscellaneous Parameters (mg/L)										
ALKALINITY	350 J	350 J		340 J		190 J	190 J			210 J
BICARBONATE ALKALINITY	350 J	350 J		340 J		190 J	190 J			210 J
CARBONATE ALKALINITY	2 U	2 U		2 U		2.0 U	2.0 U			2.0 U
CHLORIDE	7									9.0
CYANIDE	0.01 U	0.01 U		0.01 U		0.01 U	0.01 U			0.01 U
NITRATE	0.2 U	0.8		2.7 J		4.7	4.7			2.1
NITRITE	0.1 UR									0.10 U
PHOSPHORUS (ELEMENTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.06 J	0.05 U	0.03 U	0.03 U	0.02 U
SULFATE	770 J	78 J		110 J		43.0	43.0			56.0
TOTAL ORGANIC CARBON	1.6	1.0 U		3.7		1.0 UJ	1.0 UJ			1.0 UJ
TOTAL ORGANIC HALIDES	0.02 U	0.05		0.06		0.11	0.09			0.06
Field Parameters										
DISSOLVED OXYGEN - METER (MG/L)	10.68	4.43		3.15		4.73				3.76
OXIDATION REDUCTION POTENTIAL (MV)	-30.3	117.2		145.9		245.1				141.9
PH	7.27	7.15		7.10		6.80				6.45
SPECIFIC CONDUCTANCE (MS/CM)	1.598	0.874		1.024		0.469				0.642
TEMPERATURE (C)	11.3	11.2		12.4		13.4				14.11
TURBIDITY (NTU)	1	1		0		17				2

SWMU 03 - Ammunition Burning Ground
NSWC Crane
Summary of 1998 Groundwater Data

LOCATION	03C10	03C10	03C10	03C11	03C11	03C12	03C12	03C15	03C15	03C17	03C17
NSAMPLE	AC104A98-D	AC104A98-F	AC104A98-F-D	AC114A98	AC114A98-F	AC124A98	AC124A98-F	AC154A98	AC154A98-F	AC174A98	AC174A98-F
SAMPLE	GWFD110898-3	ABG03C10GW01-F	GWFD110898-3-F	ABG03C11GW01	ABG03C11GW01-F	ABG03C12GW01	ABG03C12GW01-F	ABG03C15GW01	ABG03C15GW01-F	ABG03C17GW01	ABG03C17GW01-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/8/1998	11/8/1998	11/8/1998	11/6/1998	11/6/1998	11/8/1998	11/8/1998	11/10/1998	11/10/1998	11/9/1998	11/9/1998
Volatile Organics (ug/L)											
1,1-DICHLOROETHENE	0.5 U			0.5 U		0.5 U		0.5 U		0.5 U	
CIS-1,2-DICHLOROETHENE	0.5 U			18		0.7 J		0.5 U		0.5 U	
ETHANE	0.037 U			0.403 J		0.037 U					
ETHENE	0.005 U			0.005 U		0.005 U					
METHANE	1.465 U			2220 J		1.446 U					
TRANS-1,2-DICHLOROETHENE	0.5 U			0.5 U		0.5 U		0.5 U		0.5 U	
TRICHLOROETHENE	66			1500		21		0.5 U		0.5 U	
VINYL CHLORIDE	0.5 U			0.5 U		0.5 U		0.5 U		0.5 U	
Explosives (ug/L)											
1,3,5-TRINITROBENZENE	0.49 U			1.2 U		0.68 U		0.75 U		0.95 U	
1,3-DINITROBENZENE	0.49 U			1.2 U		0.68 U		0.75 U		0.95 U	
2,4,6-TRINITROTOLUENE	0.49 U			1.2 U		0.68 U		0.75 U		0.95 U	
2,4-DIAMINO-6-NITROTOLUENE	1.4 R			1.2 U		0.68 U					
2,4-DINITROTOLUENE	0.49 U			1.2 U		0.68 U		0.75 U		0.95 U	
2,6-DIAMINO-4-NITROTOLUENE	0.49 U			1.2 U		0.68 U					
2,6-DINITROTOLUENE	0.58 J			1.2 U		0.68 U		0.75 U		0.95 U	
2-AMINO-4,6-DINITROTOLUENE	0.49 U			1.2 U		0.68 U		0.75 U		0.95 U	
2-NITROTOLUENE	0.49 U			1.2 U		0.68 U		0.75 U		0.95 U	
3,5-DINITROANILINE	2.7 U			6.7 U		3.6 U					
3-NITROTOLUENE	0.49 U			1.2 U		0.68 U		0.75 U		0.95 U	
4,4'-TN-AZOXY	0.49 U			1.2 U		0.68 U					
4-AMINO-2,6-DINITROTOLUENE	0.71 R			1.2 U		0.68 U		0.75 U		0.95 U	
4-NITROTOLUENE	0.49 U			1.2 U		0.68 U		0.75 U		0.95 U	
HMX	6.5			4.6		35		0.75 U		0.95 U	
MNX	2.5			1.2 U		0.68 U					
NITROBENZENE	0.49 U			1.2 U		0.68 U		0.75 U		0.95 U	
NITROCELLULOSE	1800 U			1000 U		1600 U		1300 U		1000 U	
NITROGLYCERIN	4.9 U			12 U		6.8 U		7.5 U		9.5 U	
PETN	2.4 U			6.1 U		3.3 U		3.7 U		4.7 U	
PICRIC ACID	1.0 U			1.1 U		1.2 U					
RDX	140			27		32		0.75 U		0.95 U	
TETRYL	0.49 U			1.2 U		0.68 U		0.75 U		0.95 U	
TNX	0.57			1.2 U		0.68 U					
Total Inorganics (ug/L)											
ANTIMONY	1.1 U			1.1 U		1.1 U		1.1 U		1.1 U	
ARSENIC	1.1 U			1.1 U		1.1 U		1.2		2.4	
BARIUM	42.0			24.7		90.7		28.4		12.8	
BERYLLIUM	1.1 U			1.1 U		1.1 U		1.1 U		1.1 U	
CADMIUM	1.1 U			1.1 U		1.1 U		1.1 U		1.1 U	
CHROMIUM	5.6 U			5.6 U		5.6 U		5.6 U		5.6 U	
COBALT	3.3 U			3.3 U		3.3 U		3.3 U		3.3 U	
COPPER	2.2 U			2.2 U		2.2 U		2.2 U		2.2 U	
IRON	208 J			272 J		120 J		528		1810 J	
LEAD	1.1 UR			1.1 UR		1.1 UR		1.1 U		1.1 UR	
MANGANESE	16.7 U			16.7 U		16.7 U		34.7		132	
MERCURY	0.20 U			0.20 U		0.20 U		0.20 U		0.20 U	
NICKEL	11.1 U			11.1 U		11.1 U		11.1 U		11.1 U	
SELENIUM	1.8			2.2		1.1 U		1.1		1.1 U	

SWMU 03 - Ammunition Burning Ground
NSWC Crane
Summary of 1998 Groundwater Data

LOCATION	03C10	03C10	03C10	03C11	03C11	03C12	03C12	03C15	03C15	03C17	03C17
NSAMPLE	AC104A98-D	AC104A98-F	AC104A98-F-D	AC114A98	AC114A98-F	AC124A98	AC124A98-F	AC154A98	AC154A98-F	AC174A98	AC174A98-F
SAMPLE	GWFD110898-3	ABG03C10GW01-F	GWFD110898-3-F	ABG03C11GW01	ABG03C11GW01-F	ABG03C12GW01	ABG03C12GW01-F	ABG03C15GW01	ABG03C15GW01-F	ABG03C17GW01	ABG03C17GW01-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/8/1998	11/8/1998	11/8/1998	11/6/1998	11/6/1998	11/8/1998	11/8/1998	11/10/1998	11/10/1998	11/9/1998	11/9/1998
SILVER	3.3 U			3.3 U		3.3 U		3.3 U		3.3 U	
THALLIUM	1.1 U			1.1 U		1.1 U		1.1 U		1.1 U	
TIN	11.1 U			11.1 U		11.1 U		11.1 U		11.1 U	
VANADIUM	2.2 U			2.2 U		2.2 U		2.2 U		2.2 U	
ZINC	11.1 U			11.1 U		11.1 U		11.1 U		11.1 U	
Dissolved Inorganics (ug/L)											
ANTIMONY		1.1 U	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
ARSENIC		1.1 U	1.1 U		1.1 U		1.1 U		1.2		2.2
BARIUM		42.2	43.9		24.3		90.9		27.4		12.9
BERYLLIUM		1.1 U	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CADMIUM		1.1 U	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CALCIUM		93600	93600		213000		102000		104000		201000
CHROMIUM		5.6 U	5.6 U		5.6 U		5.6 U		5.6 U		5.6 U
COBALT		3.3 U	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
COPPER		2.2 U	2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
LEAD		1.1 U	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
MAGNESIUM		12000	12500		122000		7210		39600		205000
MANGANESE		16.7 U	16.7 U		16.7 U		16.7 U		32.7		137
MERCURY		0.20 U	0.20 U		0.20 U		0.20 U		0.20 U		0.20 U
NICKEL		11.1 U	11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
POTASSIUM		1110 U	1110 U		2640		1960		1630		3140
SELENIUM		2.0	1.6		2.6		1.1 U		1.1 U		1.1 U
SILVER		3.3 U	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
SODIUM		7210	7680		110000		12300		18300		119000
THALLIUM		1.1 U	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
TIN		11.1 U	11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
VANADIUM		2.2 U	2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
ZINC		11.1 U	11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
Miscellaneous Parameters (mg/L)											
ALKALINITY	200 J			320 J		190 J		280 J		420 J	
BICARBONATE ALKALINITY	200 J			320 J		190 J		280 J		420 J	
CARBONATE ALKALINITY	2.0 U			2.0 U		2.0 U		2 U		2.0 U	
CHLORIDE	9.0			43.0		29.0					
CYANIDE	0.01 U			0.01 U		0.01 U		0.01 U		0.01 U	
NITRATE	2.1			1.3		1.5		0.2 U		0.20 U	
NITRITE	0.10 U			0.10 U		0.10 U					
PHOSPHORUS (ELEMENTAL)	0.02 U	0.02 U	0.01 U	0.01 U	0.02 U	0.02 U	0.03 U	0.01	0.01 U	0.01 U	0.01 U
SULFATE	55.0			740		56.0		140 J		830	
TOTAL ORGANIC CARBON	1.0 UJ			3.2 J		1.0 UJ		1.0 U		1.0 UJ	
TOTAL ORGANIC HALIDES	0.06			1.1		0.02 U		0.02 U		0.02 U	
Field Parameters											
DISSOLVED OXYGEN - METER (MG/L)				7.75		10.12		2.02		2.00	
OXIDATION REDUCTION POTENTIAL (MV)				-49.6		115.0		12.5		-7.7	
PH				7.19		7.14		7.12		6.98	
SPECIFIC CONDUCTANCE (MS/CM)				2.220		0.850		0.862		2.084	
TEMPERATURE (C)				12.47		13.0		13.8		12.1	
TURBIDITY (NTU)				0		0		2		0	

LOCATION	03C20	03C20	03C25	03C25	03C26	03C26	03C27	03C27	03C30	03C30
NSAMPLE	AC204A98	AC204A98-F	AC254A98	AC254A98-F	AC264A98	AC264A98-F	AC274A98	AC274A98-F	AC304A98	AC304A98-F
SAMPLE	ABG03C20GW01	ABG03C20GW01-F	ABG03C25GW01	ABG03C25GW01-F	ABG03C26GW01	ABG03C26GW01-F	ABG03C27GW01	ABG03C27GW01-F	ABG03C30GW01	ABG03C30GW01-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/10/1998	11/10/1998	11/7/1998	11/7/1998	11/10/1998	11/10/1998	11/9/1998	11/9/1998	11/11/1998	11/11/1998
Volatile Organics (ug/L)										
1,1-DICHLOROETHENE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
CIS-1,2-DICHLOROETHENE	59		0.5 U		0.5 U		0.5 U		0.5 U	
ETHANE			0.132 J							
ETHENE			0.005 U							
METHANE			53.68 J							
TRANS-1,2-DICHLOROETHENE	8.8		0.5 U		0.5 U		0.5 U		0.5 U	
TRICHLOROETHENE	3400		0.5 U		8.1		4.9		0.5 U	
VINYL CHLORIDE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
Explosives (ug/L)										
1,3,5-TRINITROBENZENE	6.5 J		1.4 U		0.65 U		0.92 U		1.4 U	
1,3-DINITROBENZENE	0.39 U		1.4 U		0.65 U		0.92 U		1.4 U	
2,4,6-TRINITROTOLUENE	0.54		1.4 U		0.65 U		0.92 U		1.4 U	
2,4-DIAMINO-6-NITROTOLUENE			1.4 U							
2,4-DINITROTOLUENE	0.39 U		1.4 U		0.65 U		0.92 U		1.4 U	
2,6-DIAMINO-4-NITROTOLUENE			1.4 U							
2,6-DINITROTOLUENE	0.39 U		1.4 U		0.65 U		0.92 U		1.4 U	
2-AMINO-4,6-DINITROTOLUENE	12		1.4 U		0.65 U		0.92 U		1.4 U	
2-NITROTOLUENE	0.39 U		1.4 U		0.65 U		0.92 U		1.4 U	
3,5-DINITROANILINE			7.3 U							
3-NITROTOLUENE	0.39 U		1.4 U		0.65 U		0.92 U		1.4 U	
4,4'-TN-AZOXY			1.4 U							
4-AMINO-2,6-DINITROTOLUENE	17		1.4 U		0.65 U		0.92 U		1.4 U	
4-NITROTOLUENE	0.39 U		1.4 U		0.65 U		0.92 U		1.4 U	
HMX	27		1.4 U		0.65 U		0.92 U		1.4 U	
MNX			1.4 U							
NITROBENZENE	0.39 U		1.4 U		0.65 U		0.92 U		1.4 U	
NITROCELLULOSE	1400 U		1000 U		1100 U		1200 U		1100 U	
NITROGLYCERIN	3.9 U		14 U		6.5 U		9.2 U		14 U	
PETN	1.9 U		6.7 U		3.2 U		4.5 U		7 U	
PICRIC ACID			1.0 U							
RDX	190		1.4 U		0.70		0.92 U		1.4 U	
TETRYL	0.39 U		1.4 U		0.65 U		0.92 U		1.4 U	
TNX			1.4 U							
Total Inorganics (ug/L)										
ANTIMONY	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
ARSENIC	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
BARIUM	30.6		16.8		39.4		34.0		65.1	
BERYLLIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
CADMIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
CHROMIUM	5.6 U		5.6 U		5.6 U		5.6 U		5.6 U	
COBALT	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U	
COPPER	2.2 U		2.2 U		2.2 U		2.2 U		2.2 U	
IRON	112		263 J		110		145		184	
LEAD	1.1 U		1.1 UR		1.1 U		1.1 U		1.1 U	
MANGANESE	16.7 U		22.3		43.8		16.7 U		48.7	
MERCURY	0.20 U		0.20 U		0.20 U		0.20 U		0.20 U	
NICKEL	11.1 U		11.1 U		11.1 U		11.1 U		11.1 U	
SELENIUM	1.2		1.1 U		1.1 U		1.1 U		1.1 U	

LOCATION	03C20	03C20	03C25	03C25	03C26	03C26	03C27	03C27	03C30	03C30
NSAMPLE	AC204A98	AC204A98-F	AC254A98	AC254A98-F	AC264A98	AC264A98-F	AC274A98	AC274A98-F	AC304A98	AC304A98-F
SAMPLE	ABG03C20GW01	ABG03C20GW01-F	ABG03C25GW01	ABG03C25GW01-F	ABG03C26GW01	ABG03C26GW01-F	ABG03C27GW01	ABG03C27GW01-F	ABG03C30GW01	ABG03C30GW01-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/10/1998	11/10/1998	11/7/1998	11/7/1998	11/10/1998	11/10/1998	11/9/1998	11/9/1998	11/11/1998	11/11/1998
SILVER	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U	
THALLIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
TIN	11.1 U		11.1 U		11.1 U		11.1 U		11.1 U	
VANADIUM	2.2 U		2.2 U		2.2 U		2.2 U		2.2 U	
ZINC	11.1 U		11.1 U		16.4		11.1 U		11.1 U	
Dissolved Inorganics (ug/L)										
ANTIMONY		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
ARSENIC		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
BARIUM		30.9		16.4		38.6		32.9		64.6
BERYLLIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CADMIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CALCIUM		88400		99600		98500		58400		69400
CHROMIUM		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U
COBALT		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
COPPER		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
LEAD		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
MAGNESIUM		31700		59800		54500		3420		38600
MANGANESE		16.7 U		23.2		54.8		16.7 U		55.3
MERCURY		0.20 U		0.20 U		0.20 U		0.20 U		0.20 U
NICKEL		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
POTASSIUM		1950		2550		1800		1190		3090
SELENIUM		1.2		1.1 U		1.1 U		1.2		1.1 U
SILVER		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
SODIUM		12700		69300		17400		7210		68200
THALLIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
TIN		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
VANADIUM		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
ZINC		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
Miscellaneous Parameters (mg/L)										
ALKALINITY	230 J		360 J		360 J		150 J		300 J	
BICARBONATE ALKALINITY	230 J		360 J		360 J		150 J		300 J	
CARBONATE ALKALINITY	2 U		2.0 U		2 U		2 U		2 U	
CHLORIDE			2.0							
CYANIDE	0.01 U		0.01 U		0.01 U		0.01 U		0.01 U	
NITRATE	2.1 J		0.20 U		0.2 U		0.2 U		0.2 U	
NITRITE			0.10 U							
PHOSPHORUS (ELEMENTAL)	0.01	0.01	0.01 U	0.01 U	0.01	0.01	0.04	0.03	0.02	0.01
SULFATE	91 J		220		89 J		8 J		130 J	
TOTAL ORGANIC CARBON	1.5		1.0 UJ		3.3		1.0 U		1.0 U	
TOTAL ORGANIC HALIDES	1.5		0.02 U		0.02 U		0.02 U		0.02	
Field Parameters										
DISSOLVED OXYGEN - METER (MG/L)	2.46		1.09		2.92		13.11		1.06	
OXIDATION REDUCTION POTENTIAL (MV)	159.8		-88.0		151.8		140.4		-115.1	
PH	7.18		7.16		7.09		7.66		8.43	
SPECIFIC CONDUCTANCE (MS/CM)	0.626		1.229		0.760		0.373		0.730	
TEMPERATURE (C)	13.40		11.6		15.11		12.2		12.22	
TURBIDITY (NTU)	1		2.0		0		8		2	

SWMU 03 – AMMUNITION BURING GROUND

1999 GROUND WATER MONITORING DATA

SWMU 03 - Amm[illegible]n Burning Ground
NSWC Crane
Summary of 1999 Groundwater Data

LOCATION	03B02	03B02	03B02	03B02	03B02	03B02	03B04	03B04	03B04	03B04	03B04	03B04	03C02P2	03C02P2	03C02P2	03C02P2
NSAMPLE	AB021A99	AB021A99-F	AB022A99	AB022A99-F	AB023A99	AB023A99-F	AB041A99	AB041A99-F	AB042A99	AB042A99-F	AB043A99	AB043A99-F	AC02P21A99	AC02P21A99-F	AC02P22A99	AC02P22A99-D
SAMPLE	AB021A99	AB021A99-F	AB022A99	AB022A99-F	AB023A99	AB023A99-F	AB041A99	AB041A99-F	AB042A99	AB042A99-F	AB043A99	AB043A99-F	AC02P21A99	AC02P21A99-F	AC02P22A99	FD05199901
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/10/1999	3/10/1999	5/18/1999	5/18/1999	9/9/1999	9/9/1999	2/23/1999	2/23/1999	5/17/1999	5/17/1999	9/9/1999	9/9/1999	2/26/1999	2/26/1999	5/19/1999	5/19/1999
Volatile Organics (ug/L)																
1,1,1-TRICHLOROETHANE	0.5 U		0.5 UJ		0.5 U		0.5 U		0.5 UJ		0.5 U					
1,1-DICHLOROETHANE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U					
1,1-DICHLOROETHENE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	0.5 U
1,2-DICHLOROETHANE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U					
BENZENE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U					
CARBON TETRACHLORIDE	0.5 U		0.3 UJ		0.3 U		0.5 U		0.3 UJ		0.3 U					
CHLOROETHANE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U					
CHLOROFORM	0.5 U		0.3 U		0.3 U		0.5 U		0.3 U		0.3 U					
CIS-1,2-DICHLOROETHENE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	0.5 U
ETHANE	0.081		0.087		0.091		1.494		0.033		0.048					
ETHENE	0.045		0.024		0.028		0.232		0.005 U		0.005 U					
ETHYLBENZENE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U					
METHANE	8.426		9.715		7.4		13.569		8.027		7.2					
METHYLENE CHLORIDE	0.5 U		1 U		1 U		0.5 U		1 U		1 U					
TETRACHLOROETHENE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U					
TOLUENE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U					
TOTAL XYLENES	0.5 U		1 U		1 U		0.5 U		1 U		1 U					
TRANS-1,2-DICHLOROETHENE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	0.5 U
TRICHLOROETHENE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		7.7		3.2	3.2
VINYL CHLORIDE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	0.5 U
Explosives (ug/L)																
1,3,5-TRINITROBENZENE	0.58 U		0.95 UJ		0.3 U		0.94 U		0.52 U		0.64 U		0.49 U		0.68 U	0.71 U
1,3-DINITROBENZENE	0.58 U		0.95 UJ		0.3 U		0.94 U		0.52 U		0.64 U		0.49 U		0.68 U	0.71 U
2,4,6-TRINITROTOLUENE	0.58 U		0.95 UJ		0.3 U		0.94 U		0.52 U		0.64 U		0.49 U		0.68 U	0.71 U
2,4-DIAMINO-6-NITROTOLUENE	0.58 U		0.95 UJ		0.3 U		0.94 U		0.52 U		0.64 U					
2,4-DINITROTOLUENE	0.58 U		0.95 UJ		0.3 U		0.94 U		0.52 U		0.64 U		0.49 U		0.68 U	0.71 U
2,6-DIAMINO-4-NITROTOLUENE	0.58 U		0.95 UJ		0.3 U		0.94 U		0.52 U		0.64 U					
2,6-DINITROTOLUENE	0.58 U		0.95 UJ		0.3 U		0.94 U		0.52 U		0.64 U		0.49 U		0.68 U	0.71 U
2-AMINO-4,6-DINITROTOLUENE	0.58 U		0.95 UJ		0.3 U		0.94 U		0.52 U		0.64 U		0.49 U		0.68 U	0.71 U
2-NITROTOLUENE	0.58 U		0.95 UJ		0.3 U		0.94 U		0.52 U		0.64 U		0.49 U		0.68 U	0.71 U
3,5-DINITROANILINE	0.58 U		0.95 UJ		0.3 U		0.94 U		0.52 U		0.64 U					
3-NITROTOLUENE	0.58 U		0.95 UJ		0.3 U		0.94 U		0.52 U		0.64 U		0.49 U		0.68 U	0.71 U
4,4'-TN-AZOXY	0.58 U		0.95 UJ		0.3 U		0.94 U		0.52 U		0.64 U					
4-AMINO-2,6-DINITROTOLUENE	0.58 U		0.95 UJ		0.3 U		0.94 U		0.52 U		0.64 U		0.49 U		0.68 U	0.71 U
4-NITROTOLUENE	0.58 U		0.95 UJ		0.3 U		0.94 U		0.52 U		0.64 U		0.49 U		0.68 U	0.71 U
HMX	0.58 U		0.95 UJ		0.3 U		0.94 U		0.52 U		0.64 U		5.1		9.3	9.1
MNX	0.58 U		0.95 UJ		0.3 U		0.94 U		0.52 U		0.64 U					
NITROBENZENE	0.58 U		0.95 UJ		0.3 U		0.94 U		0.52 U		0.64 U		0.49 U		0.68 U	0.71 U
NITROCELLULOSE	1000 U		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U	1000 U
NITROGLYCERIN	5.8 U		9.5 UJ		3 U		9.4 U		5.2 U		6.4 U		4.9 U		6.8 U	7.1 U
PETN	2.9 U		4.7 UJ		1.5 U		4.6 U		2.6 U		3.1 U		2.4 U		3.4 U	3.6 U
PICRIC ACID	1.0 UJ		1 U		1 U		1.0 UJ		1 U		1 U					
RDX	0.58 U		0.95 UJ		0.3 U		0.94 U		0.52 U		0.64 U		2.9		1.9	1.9
TETRYL	0.58 U		0.95 UJ		0.3 U		0.94 U		0.52 U		0.64 U		0.49 U		0.68 U	0.71 U
TNX	0.58 U		0.95 UJ		0.3 U		0.94 U		0.52 U		0.64 U					

LOCATION	03B02	03B02	03B02	03B02	03B02	03B02	03B04	03B04	03B04	03B04	03B04	03B04	03C02P2	03C02P2	03C02P2	03C02P2
NSAMPLE	AB021A99	AB021A99-F	AB022A99	AB022A99-F	AB023A99	AB023A99-F	AB041A99	AB041A99-F	AB042A99	AB042A99-F	AB043A99	AB043A99-F	AC02P21A99	AC02P21A99-F	AC02P22A99	AC02P22A99-D
SAMPLE	AB021A99	AB021A99-F	AB022A99	AB022A99-F	AB023A99	AB023A99-F	AB041A99	AB041A99-F	AB042A99	AB042A99-F	AB043A99	AB043A99-F	AC02P21A99	AC02P21A99-F	AC02P22A99	FD05199901
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/10/1999	3/10/1999	5/18/1999	5/18/1999	9/9/1999	9/9/1999	2/23/1999	2/23/1999	5/17/1999	5/17/1999	9/9/1999	9/9/1999	2/26/1999	2/26/1999	5/19/1999	5/19/1999
Total Inorganics (ug/L)																
ANTIMONY	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U
ARSENIC	6.7		7.7		10.3		4.1		5.4		6.3		1.1 U		1.1 U	1.1 U
BARIUM	76.1		82.2		88.0		77.4		83.9		95.0		61.2		85.9	86.3
BERYLLIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U
CADMIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U
CHROMIUM	5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U	5.6 U
COBALT	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U	3.3 U
COPPER	2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U	2.2 U
IRON	13500		12900		12100		6160		6850		6790					
LEAD	1.1 U		1.1 U		1.1 UJ		1.1 U		1.1 U		1.1 UJ		1.1 U		1.1 U	1.1 U
MANGANESE	1430		1240		1210		1650		1700		1760		16.7 U		16.7 U	16.7 U
MERCURY	0.20 U		0.20 U		0.20 U		0.20 U		0.20 U		0.20 U		0.20 U		0.20 U	0.20 U
NICKEL	11.1 U		11.1 U		11.1 U		137		11.1 U		11.1 U		11.1 U		11.1 U	11.1 U
SELENIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U
SILVER	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U	3.3 U
THALLIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U
TIN	11.1 U		11.1 U		11.1 U		11.1 UJ		11.1 U		11.1 U		11.1 UJ		11.1 U	11.1 U
VANADIUM	2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U	2.2 U
ZINC	11.1 U		41.0		11.1 UJ		58.8 J		11.1 U		13.4 J		11.1 U		11.1 U	11.1 U
Dissolved Inorganics (ug/L)																
ANTIMONY		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		
ARSENIC		6.0		6.8		10.9		3.6		4.1		6.4		1.1 U		
BARIUM		75.2		74.8		91.3		95.9		74.0		107		71.6		
BERYLLIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		
CADMIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		
CALCIUM		44100		42100		47300		25100		23300		29500		36600		
CHROMIUM		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		
COBALT		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		
COPPER		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		
LEAD		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		
MAGNESIUM		6210		7430		5920		3790		3410		4150		8340		
MANGANESE		1420		1260		1250		1660		1670		1730		16.7 U		
MERCURY		0.20 U		0.20 U		0.2 U		0.20 U		0.20 UJ		0.2 U		0.20 U		
NICKEL		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		
POTASSIUM		1130		1110 U		1350		1230		1110 U		1110 U		2150		
SELENIUM		1.1 U		1.1 U		1.1 U		1.1		1.1 U		1.1 U		1.6		
SILVER		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		
SODIUM		9020		9020		9560		5470		5200		5790		21300		
THALLIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		
TIN		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		
VANADIUM		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		
ZINC		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		
Miscellaneous Parameters (mg/L)																
CHLORIDE	3		5 U		4		2		5 U		1		37		68	70
CYANIDE	0.01 U		0.010 U		0.005 U		0.01 U		0.010 U		0.005 U		0.01 U		0.010 U	0.010 U

LOCATION	03B02	03B02	03B02	03B02	03B02	03B02	03B04	03B04	03B04	03B04	03B04	03B04	03C02P2	03C02P2	03C02P2	03C02P2
NSAMPLE	AB021A99	AB021A99-F	AB022A99	AB022A99-F	AB023A99	AB023A99-F	AB041A99	AB041A99-F	AB042A99	AB042A99-F	AB043A99	AB043A99-F	AC02P21A99	AC02P21A99-F	AC02P22A99	AC02P22A99-D
SAMPLE	AB021A99	AB021A99-F	AB022A99	AB022A99-F	AB023A99	AB023A99-F	AB041A99	AB041A99-F	AB042A99	AB042A99-F	AB043A99	AB043A99-F	AC02P21A99	AC02P21A99-F	AC02P22A99	FD05199901
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/10/1999	3/10/1999	5/18/1999	5/18/1999	9/9/1999	9/9/1999	2/23/1999	2/23/1999	5/17/1999	5/17/1999	9/9/1999	9/9/1999	2/26/1999	2/26/1999	5/19/1999	5/19/1999
PHOSPHORUS (ELEMENTAL)	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SULFATE	26 J		27		28		16		16		17		35		28	28
SULFIDE	1 U		1 U		1 UJ		1 U		1 U		1 UJ					
TOTAL ORGANIC CARBON	1.4		1.5		5.1 J		1 U		1.1		7.3 J		1.6		2	2
TOTAL ORGANIC HALIDES	0.02 U		0.02 U		0.02 U		0.03		0.02 U		0.02 U		0.02 U		0.02 U	0.02 U
Field Parameters																
ALKALINITY (MG/L)	148.8		152		129		78.4		75.2		80.8		80		110	
BICARBONATE ALKALINITY (MG/L)	148.8		152		129		74.4		75.2		80.8		80		110	
CARBON DIOXIDE (MG/L)	86		92		120		93.6		62.4		60					
CARBONATE ALKALINITY (MG/L)	0		0		0		0		0		0		0		0	
DISSOLVED OXYGEN - HACH (MG/L)	0.41		0		0.2		0		0.49		1.5					
DISSOLVED OXYGEN - METER (MG/L)	2.27		0.84		1.10		1.12		0.97		3.11		12.84		13.66	
FERROUS IRON (MG/L)	3.30		3.3		3.3 U		3.30		3.3		3.3 U					
HYDROXIDE ALKALINITY (MG/L)	0		0		0		0		0		0		0		0	
NITRATE (MG/L)	0		0		0		0		0.02		0					
NITRITE (MG/L)	0		0		0		0		0		0					
OXIDATION REDUCTION POTENTIAL (MV)	-116.9		-125.9		-141.5		-30.4		-81.5		-98		162.1		142	
PH	7.16		7.21		7.26		6.99		6.98		6.88		7.04		7.12	
SPECIFIC CONDUCTANCE (MS/CM)	0.334		0.343		0.373		0.206		0.198		0.215		0.349		0.494	
SULFIDE (MG/L)	0.06		0.03		0.04		0		0		0.01					
TEMPERATURE (C)	8.9		12.5		16.5		9.0		12.8		16.05		12.0		13.2	
TURBIDITY (NTU)	8		8		3.3		2		6		1		8		7	
WATER LEVEL (FT)	6.00		5.33		6.51		6.58		6.52		8.03		37.43		37.34	

LOCATION	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C03	03C03	03C03	03C03
NSAMPLE	AC02P22A99-F	AC02P22A99-F-D	AC02P23A99	AC02P23A99-D	AC02P23A99-F	AC02P23A99-F-D	AC031A99	AC031A99-F	AC032A99	AC032A99-F	AC033A99	AC033A99-D	AC033A99-F	AC033A99-F-D
SAMPLE	AC02P22A99-F	FD05199901-F	AC02P23A99	FD09079901	AC02P23A99-F	FD09079901-F	AC031A99	AC031A99-F	AC032A99	AC032A99-F	AC033A99	FD09119901	AC033A99-F	FD09119901-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	5/19/1999	5/19/1999	9/7/1999	9/7/1999	9/7/1999	9/7/1999	2/27/1999	2/27/1999	5/18/1999	5/18/1999	9/11/1999	9/11/1999	9/11/1999	9/11/1999
Volatile Organics (ug/L)														
1,1,1-TRICHLOROETHANE							0.5 U		0.5 UJ		0.5 U	0.5 U		
1,1-DICHLOROETHANE							0.5 U		0.5 U		0.5 U	0.5 U		
1,1-DICHLOROETHENE			0.5 U	0.5 U			0.5 U		0.5 U		0.5 U	0.5 U		
1,2-DICHLOROETHANE							0.5 U		0.5 U		0.5 U	0.5 U		
BENZENE							0.5 U		0.5 U		0.5 U	0.5 U		
CARBON TETRACHLORIDE							0.5 U		0.3 UJ		0.3 U	0.3 U		
CHLOROETHANE							0.5 U		0.5 U		0.5 U	0.5 U		
CHLOROFORM							0.5 U		0.3 U		0.3 U	0.3 U		
CIS-1,2-DICHLOROETHENE			0.5 U	0.5 U			0.5 U		0.5 U		0.5 U	0.5 U		
ETHANE							0.195		0.012		0.005 U	0.005 U		
ETHENE							0.042		0.005 U		0.005 U	0.005 U		
ETHYLBENZENE							0.5 U		0.5 U		0.5 U	0.5 U		
METHANE							13.376		5.308		0.37	0.31		
METHYLENE CHLORIDE							0.5 U		1 U		1 UJ	1 UJ		
TETRACHLOROETHENE							0.5 U		0.5 U		0.5 U	0.5 U		
TOLUENE							0.5 U		0.5 U		0.5 U	0.5 U		
TOTAL XYLENES							0.5 U		1 U		0.5 U	0.5 U		
TRANS-1,2-DICHLOROETHENE			0.5 U	0.5 U			0.5 U		0.5 U		0.5 U	0.5 U		
TRICHLOROETHENE			10	10			0.5 U		0.5 U		0.5 U	0.5 U		
VINYL CHLORIDE			0.5 U	0.5 U			0.5 U		0.5 U		0.5 U	0.5 U		
Explosives (ug/L)														
1,3,5-TRINITROBENZENE			0.95 U	0.48 U			1.0 U		0.20 U		0.70 U	0.48 U		
1,3-DINITROBENZENE			0.95 U	0.48 U			1.0 U		0.20 U		0.70 U	0.48 U		
2,4,6-TRINITROTOLUENE			0.95 U	0.48 U			1.0 U		0.20 U		0.70 U	0.48 U		
2,4-DIAMINO-6-NITROTOLUENE							1.0 U		0.20 U		0.70 U	0.48 U		
2,4-DINITROTOLUENE			0.95 U	0.48 U			1.0 U		0.20 U		0.70 U	0.48 U		
2,6-DIAMINO-4-NITROTOLUENE							1.0 U		0.20 U		0.70 U	0.48 U		
2,6-DINITROTOLUENE			0.95 U	0.48 U			1.0 U		0.20 U		0.70 U	0.48 U		
2-AMINO-4,6-DINITROTOLUENE			0.95 U	0.48 U			1.0 U		0.20 U		0.70 U	0.48 U		
2-NITROTOLUENE			0.95 U	0.48 U			1.0 U		0.20 U		0.70 U	0.48 U		
3,5-DINITROANILINE							1.0 U		0.20 U		0.70 U	0.48 U		
3-NITROTOLUENE			0.95 U	0.48 U			1.0 U		0.20 U		0.70 U	0.48 U		
4,4'-TN-AZOXY							1.0 U		0.20 U		0.70 U	0.48 U		
4-AMINO-2,6-DINITROTOLUENE			0.95 U	0.48 U			1.0 U		0.20 U		0.70 U	0.48 U		
4-NITROTOLUENE			0.95 U	0.48 U			1.0 U		0.20 U		0.70 U	0.48 U		
HMX			29	27			1.0 U		0.20 U		0.70 U	0.48 U		
MNX							1.0 U		0.20 U		0.70 U	0.48 U		
NITROBENZENE			0.95 U	0.48 U			1.0 U		0.20 U		0.70 U	0.48 U		
NITROCELLULOSE			1000 U	1000 U			1000 U		1000 U		1000 U	1000 U		
NITROGLYCERIN			9.5 U	4.8 U			10 U		1.9 U		7 U	4.8 U		
PETN			4.7 U	2.4 U			5.1 U		0.97 U		3.5 U	2.4 U		
PICRIC ACID							1.1 UJ		1 U		1 U	1 U		
RDX			17	16			1.0 U		0.20 U		0.70 U	0.48 U		
TETRYL			0.95 U	0.48 U			1.0 U		0.20 U		0.70 U	0.48 U		
TNX							1.0 U		0.20 U		0.70 U	0.48 U		

LOCATION	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C03	03C03	03C03	03C03
NSAMPLE	AC02P22A99-F	AC02P22A99-F-D	AC02P23A99	AC02P23A99-D	AC02P23A99-F	AC02P23A99-F-D	AC031A99	AC031A99-F	AC032A99	AC032A99-F	AC033A99	AC033A99-D	AC033A99-F	AC033A99-F-D
SAMPLE	AC02P22A99-F	FD05199901-F	AC02P23A99	FD09079901	AC02P23A99-F	FD09079901-F	AC031A99	AC031A99-F	AC032A99	AC032A99-F	AC033A99	FD09119901	AC033A99-F	FD09119901-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	5/19/1999	5/19/1999	9/7/1999	9/7/1999	9/7/1999	9/7/1999	2/27/1999	2/27/1999	5/18/1999	5/18/1999	9/11/1999	9/11/1999	9/11/1999	9/11/1999
Total Inorganics (ug/L)														
ANTIMONY			1.1 U	1.1 U			1.1 U		1.1 U		1.1 U	1.1 U		
ARSENIC			1.1 U	1.1 U			1.1 U		1.1 U		1.1 U	1.1 U		
BARIUM			105	105			38.3		39.0		42.3	43.7		
BERYLLIUM			1.1 U	1.1 U			1.1 U		1.1 U		1.1 U	1.1 U		
CADMIUM			1.1 U	1.1 U			1.1 U		1.1 U		1.1 U	1.1 U		
CHROMIUM			5.6 U	5.6 U			5.6 U		5.6 U		5.6 U	5.6 U		
COBALT			3.3 U	3.3 U			3.3 U		3.3 U		3.3 U	3.3 U		
COPPER			2.2 U	2.2 U			2.8		2.2 U		2.2 U	4.9		
IRON							111 U		111 U		111 U	111 U		
LEAD			4.0 J	1.1 UJ			1.1 U		1.1 U		1.1 U	1.1 U		
MANGANESE			16.7 U	16.7 U			16.7 U		16.7 U		16.7 U	16.7 U		
MERCURY			0.20 U	0.20 U			0.20 U		0.20 U		0.2 U	0.2 U		
NICKEL			11.1 U	11.1 U			11.1 U		11.1 U		11.1 U	11.1 U		
SELENIUM			3.1	2.0			1.1 U		1.1 U		1.1 U	1.1 U		
SILVER			3.3 U	3.3 U			3.3 U		3.3 U		3.3 U	3.3 U		
THALLIUM			1.1 U	1.1 U			1.1 U		1.1 U		1.1 U	1.1 U		
TIN			11.1 U	11.1 U			11.1 UJ		11.1 U		11.1 U	11.1 U		
VANADIUM			2.2 U	2.2 U			2.2 U		2.2 U		2.2 U	2.2 U		
ZINC			193 J	11.1 UJ			44.2 J		16.0		11.1 U	11.1 U		
Dissolved Inorganics (ug/L)														
ANTIMONY	1.1 U	1.1 U			1.1 U	1.1 U		1.1 U		1.1 U			1.1 U	1.1 U
ARSENIC	1.1 U	1.1 U			1.1 U	1.1 U		1.1 U		1.1 U			1.1 U	1.1 U
BARIUM	76.3	75.6			105	105		47.8		35.4			49.7	45
BERYLLIUM	1.1 U	1.1 U			1.1 U	1.1 U		1.1 U		1.1 U			1.1 U	1.1 U
CADMIUM	1.1 U	1.1 U			1.1 U	1.1 U		1.1 U		1.1 U			1.1 U	1.1 U
CALCIUM	49000	46300			119000	122000		1140		1110 U			1430	1470
CHROMIUM	5.6 U	5.6 U			5.6 U	5.6 U		5.6 U		5.6 U			5.6 U	5.6 U
COBALT	3.3 U	3.3 U			3.3 U	3.3 U		3.3 U		3.3 U			3.3 U	3.3 U
COPPER	2.2 U	2.2 U			2.2 U	2.2 U		2.2 U		2.2 U			2.2 U	2.2 U
LEAD	1.1 U	1.1 U			1.1 U	1.1 U		1.1 U		1.1 U			1.1 U	1.1 U
MAGNESIUM	9480	9280			17600	17700		1110 U		1110 U			1110 U	1110 U
MANGANESE	16.7 U	16.7 U			16.7 U	16.7 U		16.7 U		16.7 U			16.7 U	16.7 U
MERCURY	0.20 U	0.20 U			0.2 U	0.2 U		0.20 U		0.20 U			0.2 U	0.2 U
NICKEL	11.1 U	11.1 U			11.1 U	11.1 U		11.1 U		11.1 U			11.1 U	11.1 U
POTASSIUM	2470	2470			2930	2950		1110 U		1110 U			1190	1300
SELENIUM	1.1 U	1.2			3.3	2.8		1.1 U		1.1 U			1.1 U	1.1 U
SILVER	3.3 U	3.3 U			3.3 U	3.3 U		3.3 U		3.3 U			3.3 U	3.3 U
SODIUM	34100	34300			33800	32800		218000		207000			221000	235000
THALLIUM	1.1 U	1.1 U			1.1 U	1.1 U		1.1 U		1.1 U			1.1 U	1.1 U
TIN	11.1 U	11.1 U			11.1 U	11.1 U		11.1 U		11.1 U			11.1 U	11.1 U
VANADIUM	2.2 U	2.2 U			2.2 U	2.2 U		2.2 U		2.2 U			2.2 U	2.2 U
ZINC	11.1 U	11.1 U			32.2	11.1 U		11.1 U		11.1 U			11.1 U	11.1 U
Miscellaneous Parameters (mg/L)														
CHLORIDE			77	73			2		5 U		1	1		
CYANIDE			0.005 U	0.005 U			0.01 U		0.010 U		0.005	0.005 U		

LOCATION	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C03	03C03	03C03	03C03
NSAMPLE	AC02P22A99-F	AC02P22A99-F-D	AC02P23A99	AC02P23A99-D	AC02P23A99-F	AC02P23A99-F-D	AC031A99	AC031A99-F	AC032A99	AC032A99-F	AC033A99	AC033A99-D	AC033A99-F	AC033A99-F-D
SAMPLE	AC02P22A99-F	FD05199901-F	AC02P23A99	FD09079901	AC02P23A99-F	FD09079901-F	AC031A99	AC031A99-F	AC032A99	AC032A99-F	AC033A99	FD09119901	AC033A99-F	FD09119901-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	5/19/1999	5/19/1999	9/7/1999	9/7/1999	9/7/1999	9/7/1999	2/27/1999	2/27/1999	5/18/1999	5/18/1999	9/11/1999	9/11/1999	9/11/1999	9/11/1999
PHOSPHORUS (ELEMENTAL)	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SULFATE			62	60			76		88		83	86		
SULFIDE							1 U		1 U		1 UJ	1 UJ		
TOTAL ORGANIC CARBON			10 J	9.9			1.6		1 U		7.7 J	8.9 J		
TOTAL ORGANIC HALIDES			0.02 U	0.02 U			0.02 U		0.02 U		0.04	0.02 U		
Field Parameters														
ALKALINITY (MG/L)			235				356		373		338	347		
BICARBONATE ALKALINITY (MG/L)			235				356		373		338	347		
CARBON DIOXIDE (MG/L)			113.8				64		75		33.0	34.1		
CARBONATE ALKALINITY (MG/L)			0				0		0		0	0		
DISSOLVED OXYGEN - HACH (MG/L)			9.0				0.31		0.74		0.15	0.15		
DISSOLVED OXYGEN - METER (MG/L)			9.4				0.65		1.11		3.15	3.15		
FERROUS IRON (MG/L)							0.05		0		0	0		
HYDROXIDE ALKALINITY (MG/L)			0				0		0		0	0		
NITRATE (MG/L)							0.207		0.01		0.05	0.05		
NITRITE (MG/L)							0.003		0.001		0	0.005		
OXIDATION REDUCTION POTENTIAL (MV)			146				-5.8		54.1		2			
PH			6.73				9.22		9.24		9.21			
SPECIFIC CONDUCTANCE (MS/CM)			0.843				0.887		0.901		0.903			
SULFIDE (MG/L)							0.04		0		0.01	0		
TEMPERATURE (C)			15.8				13.7		15.7		15.5			
TURBIDITY (NTU)			2				1		3		1			
WATER LEVEL (FT)			37.6				87.77		87.81		88.0			

LOCATION	03C04	03C04	03C04	03C04	03C04	03C04	03C07	03C07	03C07	03C07	03C07	03C07	03C08P2	03C08P2	03C08P2	03C08P2
NSAMPLE	AC041A99	AC041A99-F	AC042A99	AC042A99-F	AC043A99	AC043A99-F	AC071A99	AC071A99-F	AC072A99	AC072A99-F	AC073A99	AC073A99-F	AC08P21A99	AC08P21A99-F	AC08P22A99	AC08P22A99-F
SAMPLE	AC041A99	AC041A99-F	AC042A99	AC042A99-F	AC043A99	AC043A99-F	AC071A99	AC071A99-F	AC072A99	AC072A99-F	AC073A99	AC073A99-F	AC08P21A99	AC08P21A99-F	AC08P22A99	AC08P22A99-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	2/27/1999	2/27/1999	5/21/1999	5/22/1999	9/11/1999	9/11/1999	2/26/1999	2/26/1999	5/19/1999	5/19/1999	9/11/1999	9/11/1999	3/12/1999	3/12/1999	5/24/1999	5/24/1999
Volatile Organics (ug/L)																
1,1,1-TRICHLOROETHANE	0.5 U		0.5 U		0.5 U											
1,1-DICHLOROETHANE	0.5 U		0.5 U		0.5 U											
1,1-DICHLOROETHENE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
1,2-DICHLOROETHANE	0.5 U		0.5 U		0.5 U											
BENZENE	0.5 U		0.5 U		0.5 U											
CARBON TETRACHLORIDE	0.5 U		0.3 U		0.3 U											
CHLOROETHANE	0.5 U		0.5 U		0.5 U											
CHLOROFORM	0.5 U		0.3 U		0.3 U											
CIS-1,2-DICHLOROETHENE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		14		14	
ETHANE	0.069		0.011		0.005 U											
ETHENE	0.027		0.021		0.005 U											
ETHYLBENZENE	0.5 U		0.5 U		0.5 U											
METHANE	8.794		7.51		1.8											
METHYLENE CHLORIDE	0.5 U		1 U		1 UJ											
TETRACHLOROETHENE	0.5 U		0.5 U		0.5 U											
TOLUENE	0.5 U		0.5 U		0.5 U											
TOTAL XYLENES	0.5 U		1 U		0.5 U											
TRANS-1,2-DICHLOROETHENE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
TRICHLOROETHENE	0.5 U		0.6		0.5 U		4.7		3		4.3		71		61	
VINYL CHLORIDE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
Explosives (ug/L)																
1,3,5-TRINITROBENZENE	0.46 U		1 U		1.5 U		1.2 U		0.64 U		0.23 U		1.2 U		0.44 U	
1,3-DINITROBENZENE	0.46 U		1 U		1.5 U		1.2 U		0.64 U		0.23 U		1.2 U		0.44 U	
2,4,6-TRINITROTOLUENE	0.46 U		1 U		1.5 U		1.2 U		0.64 U		0.23 U		1.2 U		0.44 U	
2,4-DIAMINO-6-NITROTOLUENE	0.46 U		1 U		1.5 U											
2,4-DINITROTOLUENE	0.46 U		1 U		1.5 U		1.2 U		0.64 U		0.23 U		1.2 U		0.44 U	
2,6-DIAMINO-4-NITROTOLUENE	0.46 U		1 U		1.5 U											
2,6-DINITROTOLUENE	0.46 U		1 U		1.5 U		1.2 U		0.64 U		0.23 U		1.2 U		0.44 U	
2-AMINO-4,6-DINITROTOLUENE	0.46 U		1 U		1.5 U		1.2 U		0.64 U		0.23 U		2.6		2.6	
2-NITROTOLUENE	0.46 U		1 U		1.5 U		1.2 U		0.64 U		0.23 U		1.2 U		0.44 U	
3,5-DINITROANILINE	0.46 U		1 U		1.5 U											
3-NITROTOLUENE	0.46 U		1 U		1.5 U		1.2 U		0.64 U		0.23 U		1.2 U		0.44 U	
4,4'-TN-AZOXY	0.46 U		1 U		1.5 U											
4-AMINO-2,6-DINITROTOLUENE	0.46 U		1 U		1.5 U		1.2 U		0.64 U		0.4 J		4.5		0.44 U	
4-NITROTOLUENE	0.46 U		1 U		1.5 U		1.2 U		0.64 U		0.23 U		1.2 U		0.44 U	
HMX	0.46 U		1 U		1.5 U		4.4		4.5 J		5.3 J		31		32	
MNX	0.46 U		1 U		1.5 U											
NITROBENZENE	0.46 U		1 U		1.5 U		1.2 U		0.64 U		0.23 U		1.2 U		0.44 U	
NITROCELLULOSE	1000 U		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U		1300	
NITROGLYCERIN	4.5 U		10 U		15 U		12 U		6.4 U		2.3 U		12 U		4.4 U	
PETN	2.2 U		5 U		7.4 U		6.1 U		3.2 U		1.2 U		6.1 U		2.2 U	
PICRIC ACID	1.1 UJ		1.1 U		1.1 U											
RDX	0.46 U		1 U		1.5 U		23		19		21		110		81	
TETRYL	0.46 U		1 U		1.5 U		1.2 U		0.64 U		0.23 U		1.2 U		0.44 U	
TNX	0.46 U		1 U		1.5 U											

LOCATION	03C04	03C04	03C04	03C04	03C04	03C04	03C07	03C07	03C07	03C07	03C07	03C07	03C08P2	03C08P2	03C08P2	03C08P2
NSAMPLE	AC041A99	AC041A99-F	AC042A99	AC042A99-F	AC043A99	AC043A99-F	AC071A99	AC071A99-F	AC072A99	AC072A99-F	AC073A99	AC073A99-F	AC08P21A99	AC08P21A99-F	AC08P22A99	AC08P22A99-F
SAMPLE	AC041A99	AC041A99-F	AC042A99	AC042A99-F	AC043A99	AC043A99-F	AC071A99	AC071A99-F	AC072A99	AC072A99-F	AC073A99	AC073A99-F	AC08P21A99	AC08P21A99-F	AC08P22A99	AC08P22A99-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	2/27/1999	2/27/1999	5/21/1999	5/22/1999	9/11/1999	9/11/1999	2/26/1999	2/26/1999	5/19/1999	5/19/1999	9/11/1999	9/11/1999	3/12/1999	3/12/1999	5/24/1999	5/24/1999
Total Inorganics (ug/L)																
ANTIMONY	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
ARSENIC	1.1 U		1.4		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
BARIUM	31.4		28.7		30.6		29.6		30.7		31.9		70.2		16.4	
BERYLLIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
CADMIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
CHROMIUM	5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U	
COBALT	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U	
COPPER	2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		30.1		18.2		2.2 U	
IRON	134		111 U		190											
LEAD	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		8.3		3.1		1.1 U	
MANGANESE	76.3		75.3		908		16.7 U		16.7 U		16.7 U		16.7 U		16.7 U	
MERCURY	0.20 U		0.20 U		0.2 U		0.20 U		0.20 U		0.2 U		0.20 U		0.20 U	
NICKEL	11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U	
SELENIUM	2.1		3.8		2.3		1.9		2.1		1.8		2.6		1.1 U	
SILVER	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U	
THALLIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
TIN	11.1 UJ		11.1 U		11.1 U		11.1 UJ		11.1 U		11.1 U		11.1 U		11.1 U	
VANADIUM	2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U	
ZINC	11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		33.9		11.1 U		11.1 U	
Dissolved Inorganics (ug/L)																
ANTIMONY		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
ARSENIC		1.6		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
BARIUM		49		29.2		31.7		41		26.0		32.9		63.1		62.9
BERYLLIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CADMIUM		1.1 U		2.6		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CALCIUM		149000		139000		147000		100000		92200		97100		112000		119000
CHROMIUM		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		7.6		5.6 U		5.6 U
COBALT		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
COPPER		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		4.2 J		2.2 U		2.2 U
LEAD		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
MAGNESIUM		199000		191000		193000		48500		46600		46000		39700		39300
MANGANESE		665		70.6		102		16.7 U		16.7 U		16.7 U		16.7 U		16.7 U
MERCURY		0.20 U		0.20 U		0.2 U		0.20 U		0.20 U		0.2 U		0.20 U		0.20 U
NICKEL		11.1 U		11.1 U		24		11.1 U		11.1 U		13.1		11.1 U		11.1 U
POTASSIUM		3690		3010		3220		5160		4710		3500		30800		15200
SELENIUM		2.2		2.4		2.6		2.3		1.7		2		2.2		1.1
SILVER		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
SODIUM		63900		48800		51100		23800		22500		22400		19700		14400
THALLIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
TIN		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
VANADIUM		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
ZINC		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
Miscellaneous Parameters (mg/L)																
CHLORIDE	7		6		6		9		9		8		12		13	
CYANIDE	0.01 U		0.010 U		0.005 U		0.01 U		0.010 U		0.005 U		0.01 U		0.010 U	

LOCATION	03C04	03C04	03C04	03C04	03C04	03C04	03C07	03C07	03C07	03C07	03C07	03C07	03C08P2	03C08P2	03C08P2	03C08P2
NSAMPLE	AC041A99	AC041A99-F	AC042A99	AC042A99-F	AC043A99	AC043A99-F	AC071A99	AC071A99-F	AC072A99	AC072A99-F	AC073A99	AC073A99-F	AC08P21A99	AC08P21A99-F	AC08P22A99	AC08P22A99-F
SAMPLE	AC041A99	AC041A99-F	AC042A99	AC042A99-F	AC043A99	AC043A99-F	AC071A99	AC071A99-F	AC072A99	AC072A99-F	AC073A99	AC073A99-F	AC08P21A99	AC08P21A99-F	AC08P22A99	AC08P22A99-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	2/27/1999	2/27/1999	5/21/1999	5/22/1999	9/11/1999	9/11/1999	2/26/1999	2/26/1999	5/19/1999	5/19/1999	9/11/1999	9/11/1999	3/12/1999	3/12/1999	5/24/1999	5/24/1999
PHOSPHORUS (ELEMENTAL)	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SULFATE	950		830		810		86		98		92		120 J		130	
SULFIDE	1 U		1 U		1 UJ											
TOTAL ORGANIC CARBON	1.6		1 U		7.8 J		1.9		1 U		8 J		2		1.4	
TOTAL ORGANIC HALIDES	0.02 U		0.02 U		0.02 U		0.02 U		0.02 U		0.02		0.06		0.04	
Field Parameters																
ALKALINITY (MG/L)	366		344		343		346		330		295		323		356	
BICARBONATE ALKALINITY (MG/L)			344		343		346		330		295		323		356	
CARBON DIOXIDE (MG/L)	250		208		106											
CARBONATE ALKALINITY (MG/L)			0		0		0		0		0		0		0	
DISSOLVED OXYGEN - HACH (MG/L)	2.51		1.8		2											
DISSOLVED OXYGEN - METER (MG/L)	13.38		2.6		6.57		6.97		2.02		3.82		10.94		6.74	
FERROUS IRON (MG/L)	1.09		0.04		0.03											
HYDROXIDE ALKALINITY (MG/L)			0		0		0		0		0		0		0	
NITRATE (MG/L)	0		0.124		0.02											
NITRITE (MG/L)	0		0.006		0											
OXIDATION REDUCTION POTENTIAL (MV)	-18.2		-35.7		-3		117.9		183.2		107.5		165.3		169	
PH	7.28		7.26		7.18		7.16		7.28		7.24		7.22		7.34	
SPECIFIC CONDUCTANCE (MS/CM)	1.92		1.657		1.884		0.789		0.846		0.87		0.937		0.875	
SULFIDE (MG/L)	0		0.02		0											
TEMPERATURE (C)	8.2		18.05		18.9		12.4		18.3		23.33		10.0		16.4	
TURBIDITY (NTU)	3		5		2		8		4		0		0		1	
WATER LEVEL (FT)	76.10		76.14		76.13		78.80		78.99		78.76		74.78		74.88	

LOCATION	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C10	03C10	03C10	03C10	03C10	03C10	03C11
NSAMPLE	AC08P23A99	AC08P23A99-F	AC09P21A99	AC09P21A99-F	AC09P22A99	AC09P22A99-F	AC09P23A99	AC09P23A99-F	AC101A99	AC101A99-F	AC102A99	AC102A99-F	AC103A99	AC103A99-F	AC111A99
SAMPLE	AC08P23A99	AC08P23A99-F	AC09P21A99	AC09P21A99-F	AC09P22A99	AC09P22A99-F	AC09P23A99	AC09P23A99-F	AC101A99	AC101A99-F	AC102A99	AC102A99-F	AC103A99	AC103A99-F	AC111A99
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/12/1999	9/12/1999	3/1/1999	3/2/1999	5/19/1999	5/19/1999	9/11/1999	9/11/1999	2/25/1999	2/25/1999	5/22/1999	5/22/1999	9/8/1999	9/8/1999	2/25/1999
Volatile Organics (ug/L)															
1,1,1-TRICHLOROETHANE									0.5 U		0.5 U		0.5 U		0.5 U
1,1-DICHLOROETHANE									0.5 U		0.5 U		0.5 U		0.5 U
1,1-DICHLOROETHENE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U
1,2-DICHLOROETHANE									29		23		25		0.5 U
BENZENE									0.5 U		0.5 U		0.5 U		0.5 U
CARBON TETRACHLORIDE									1.6		1.2		1.4		0.5 U
CHLOROETHANE									0.5 U		0.5 U		0.5 U		0.5 U
CHLOROFORM									2.2		1.9		1.9		2
CIS-1,2-DICHLOROETHENE	14		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		13
ETHANE									0.274		0.012		0.005 U		0.372
ETHENE									0.054		0.005 U		0.005 U		0.057
ETHYLBENZENE									0.5 U		0.5 U		0.5 U		0.5 U
METHANE									1.798		1.352		0.095		800
METHYLENE CHLORIDE									0.5 U		1 U		1 U		0.5 U
TETRACHLOROETHENE									0.5 U		0.5 U		0.5 U		0.5 U
TOLUENE									0.5 U		0.5 U		0.5 U		0.5 U
TOTAL XYLENES									0.5 U		1 U		1 U		0.5 U
TRANS-1,2-DICHLOROETHENE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U
TRICHLOROETHENE	63		160		150		170		63		63		61		2100
VINYL CHLORIDE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U
Explosives (ug/L)															
1,3,5-TRINITROBENZENE	0.79 U		0.44 U		0.75 U		0.31 U		1.5 U		0.65 U		0.49 U		1.0 U
1,3-DINITROBENZENE	0.79 U		0.44 U		0.75 U		0.31 U		1.5 U		0.65 U		0.49 U		1.0 U
2,4,6-TRINITROTOLUENE	0.79 U		0.44 U		0.75 U		0.31 U		1.5 U		0.65 U		0.49 U		1.0 U
2,4-DIAMINO-6-NITROTOLUENE									1.5 U		0.65 U		0.49 U		1.0 U
2,4-DINITROTOLUENE	0.79 U		0.44 U		0.75 U		0.31 U		1.5 U		0.65 U		0.49 U		1.0 U
2,6-DIAMINO-4-NITROTOLUENE									1.5 U		0.65 U		0.49 U		1.0 U
2,6-DINITROTOLUENE	0.79 U		0.70 J		0.75 U		0.94		1.5 U		0.65 U		0.58 J		1.0 U
2-AMINO-4,6-DINITROTOLUENE	2.1 J		0.44 U		0.75 U		0.31 U		1.5 U		0.65 U		0.49 U		1.0 U
2-NITROTOLUENE	0.79 U		0.44 U		0.75 U		0.31 U		1.5 U		0.65 U		0.49 U		1.0 U
3,5-DINITROANILINE									1.5 U		0.65 U		0.49 U		1.0 U
3-NITROTOLUENE	0.79 U		0.44 U		0.75 U		0.31 U		1.5 U		0.65 U		0.49 U		1.0 U
4,4'-TN-AZOXY									1.5 U		0.65 U		0.49 U		1.0 U
4-AMINO-2,6-DINITROTOLUENE	3.9 J		0.44 U		0.75 U		0.31 U		1.5 U		0.65 U		1.3 J		1.0 U
4-NITROTOLUENE	0.79 U		0.44 U		0.75 U		0.31 U		1.5 U		0.65 U		0.49 U		1.0 U
HMX	31		2.8		3.2		2.9		6.7		6.8		6.8		5.5
MNX									3.1		2.9		3		1.0 U
NITROBENZENE	0.79 U		0.44 U		0.75 U		0.31 U		1.5 U		0.65 U		0.49 U		1.0 U
NITROCELLULOSE	1000 U		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U
NITROGLYCERIN	7.9 U		4.4 U		7.5 U		3.1 U		15 U		6.5 U		4.9 U		10 U
PETN	3.9 U		2.2 U		3.8 U		1.5 U		7.4 U		3.2 U		2.4 U		5.1 U
PICRIC ACID									1.0 U		1 U		1 U		1.1 UJ
RDX	86		130		150		130		140		100		100		34
TETRYL	0.79 U		0.44 U		0.75 U		0.31 U		1.5 U		0.65 U		0.49 U		1.0 U
TNX									1.5 U		0.66		0.49 U		1.0 U

LOCATION	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C10	03C10	03C10	03C10	03C10	03C10	03C11
NSAMPLE	AC08P23A99	AC08P23A99-F	AC09P21A99	AC09P21A99-F	AC09P22A99	AC09P22A99-F	AC09P23A99	AC09P23A99-F	AC101A99	AC101A99-F	AC102A99	AC102A99-F	AC103A99	AC103A99-F	AC111A99
SAMPLE	AC08P23A99	AC08P23A99-F	AC09P21A99	AC09P21A99-F	AC09P22A99	AC09P22A99-F	AC09P23A99	AC09P23A99-F	AC101A99	AC101A99-F	AC102A99	AC102A99-F	AC103A99	AC103A99-F	AC111A99
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/12/1999	9/12/1999	3/1/1999	3/2/1999	5/19/1999	5/19/1999	9/11/1999	9/11/1999	2/25/1999	2/25/1999	5/22/1999	5/22/1999	9/8/1999	9/8/1999	2/25/1999
Total Inorganics (ug/L)															
ANTIMONY	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
ARSENIC	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
BARIUM	81.8		15.4		14.8		15.2		42.4		44.3		46.6		22.9
BERYLLIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CADMIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CHROMIUM	5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U
COBALT	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
COPPER	2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
IRON									121		111 U		111 U		111 U
LEAD	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 UJ		1.1 U
MANGANESE	16.7 U		59.6		49.7		30.9		16.7 U		16.7 U		16.7 U		16.7 U
MERCURY	0.2 U		0.20 U		0.20 U		0.2 U		0.20 U		0.20 U		0.20 U		0.20 U
NICKEL	11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
SELENIUM	2.6		2.1		1.8		2		3.2		4.3		3.0		3.7
SILVER	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
THALLIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
TIN	11.1 U		11.1 U		11.1 U		11.1 U		11.1 UJ		11.1 U		11.1 U		11.1 UJ
VANADIUM	2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
ZINC	11.1 U		11.1 U		11.1 U		11.1 U		44.8 J		11.1 U		11.1 UJ		11.1 U
Dissolved Inorganics (ug/L)															
ANTIMONY		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
ARSENIC		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
BARIUM		89.6		13.4		11.8		15.3		47.7		44.3		44.0	
BERYLLIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
CADMIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
CALCIUM		119000		81300		75900		76800		91300		92400		99300	
CHROMIUM		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U	
COBALT		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U	
COPPER		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U	
LEAD		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
MAGNESIUM		41300		15700		14600		14900		11800		11900		12300	
MANGANESE		16.7 U		16.7 U		16.7 U		16.7 U		16.7 U		16.7 U		16.7 U	
MERCURY		0.2 U		0.20 U		0.20 U		0.2 U		0.20 U		0.20 U		0.2 U	
NICKEL		15.6		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U	
POTASSIUM		26800		1290		1110 U		1450		1110 U		1110 U		1130	
SELENIUM		1.8		2.2		1.7		1.6		3.2		2.8		4.2	
SILVER		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U	
SODIUM		19000		4790		4350		4810		7190		7070		7660	
THALLIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
TIN		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U	
VANADIUM		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U	
ZINC		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U	
Miscellaneous Parameters (mg/L)															
CHLORIDE	13		5		5		5		9		9		8		40
CYANIDE	0.005 U		0.01 U		0.010 U		0.005 U		0.01 U		0.010 U		0.005 U		0.01 U

LOCATION	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C10	03C10	03C10	03C10	03C10	03C10	03C11
NSAMPLE	AC08P23A99	AC08P23A99-F	AC09P21A99	AC09P21A99-F	AC09P22A99	AC09P22A99-F	AC09P23A99	AC09P23A99-F	AC101A99	AC101A99-F	AC102A99	AC102A99-F	AC103A99	AC103A99-F	AC111A99
SAMPLE	AC08P23A99	AC08P23A99-F	AC09P21A99	AC09P21A99-F	AC09P22A99	AC09P22A99-F	AC09P23A99	AC09P23A99-F	AC101A99	AC101A99-F	AC102A99	AC102A99-F	AC103A99	AC103A99-F	AC111A99
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/12/1999	9/12/1999	3/1/1999	3/2/1999	5/19/1999	5/19/1999	9/11/1999	9/11/1999	2/25/1999	2/25/1999	5/22/1999	5/22/1999	9/8/1999	9/8/1999	2/25/1999
PHOSPHORUS (ELEMENTAL)	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SULFATE	130		43 J		49		51		58		64		58		710
SULFIDE									1 U		1 U		1 J		1 U
TOTAL ORGANIC CARBON	7.4 J		2.6		1.1		11 J		1.6		1.4		7 J		3.3
TOTAL ORGANIC HALIDES	0.05		0.13		0.11		0.13		0.06		0.06		0.06		0.86
Field Parameters															
ALKALINITY (MG/L)	290		196		182		149		200		186		170		290
BICARBONATE ALKALINITY (MG/L)	290		196		182		149		200		186		170		290
CARBON DIOXIDE (MG/L)									183		98.8		101		165
CARBONATE ALKALINITY (MG/L)	0		0		0		0		0		0		0		0
DISSOLVED OXYGEN - HACH (MG/L)									2.53		3.01		2.5		5.32
DISSOLVED OXYGEN - METER (MG/L)	7.01		8.01		8.81		8.04		3.58		3.08		3.71		7.69
FERROUS IRON (MG/L)									0		0.01		0.02		0.02
HYDROXIDE ALKALINITY (MG/L)	0		0		0		0		0		0		0		0
NITRATE (MG/L)									0.39		1.739		2.43		0.726
NITRITE (MG/L)									0.002		0.001		0		0.01
OXIDATION REDUCTION POTENTIAL (MV)	93		165.6		133.2		96		158.6		214.6		182.9		-54.5
PH	7.22		6.87		6.84		6.77		6.53		6.65		6.57		7.15
SPECIFIC CONDUCTANCE (MS/CM)	0.829		0.492		0.492		0.488		0.521		0.506		0.561		1.9
SULFIDE (MG/L)									0		0		0.03		0.47
TEMPERATURE (C)	21.5		13.0		16		17.1		13.1		16.3		18.33		10.7
TURBIDITY (NTU)	2		8		9		6		6		0		1.8		1
WATER LEVEL (FT)	74.7		45.45		45.53		45.32		50.14		50.21		49.97		44.40

LOCATION	03C11	03C11	03C11	03C11	03C11	03C11	03C11	03C12	03C12	03C12	03C12	03C12	03C12	03C15	03C15	03C15
NSAMPLE	AC111A99-D	AC111A99-F	AC111A99-F-D	AC112A99	AC112A99-F	AC113A99	AC113A99-F	AC121A99	AC121A99-F	AC122A99	AC122A99-F	AC123A99	AC123A99-F	AC151A99	AC151A99-F	AC152A99
SAMPLE	FD02259901	AC111A99-F	FD02259901-F	AC112A99	AC112A99-F	AC113A99	AC113A99-F	AC121A99	AC121A99-F	AC122A99	AC122A99-F	AC123A99	AC123A99-F	AC151A99	AC151A99-F	AC152A99
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	2/25/1999	2/25/1999	2/25/1999	5/21/1999	5/21/1999	9/10/1999	9/10/1999	2/25/1999	2/27/1999	5/22/1999	5/22/1999	9/8/1999	9/8/1999	3/1/1999	3/2/1999	5/23/1999
Volatile Organics (ug/L)																
1,1,1-TRICHLOROETHANE	0.5 U			0.5 U		0.5 U		0.5 U		0.5 U		0.5 U				
1,1-DICHLOROETHANE	0.5 U			0.5 U		0.5 U		0.5 U		0.5 U		0.5 U				
1,1-DICHLOROETHENE	0.5 U			0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U
1,2-DICHLOROETHANE	0.5 U			0.5 U		0.5 U		0.5 U		0.5 U		0.5 U				
BENZENE	0.5 U			0.5 U		0.5 U		0.5 U		0.5 U		0.5 U				
CARBON TETRACHLORIDE	0.5 U			0.3 U		0.3 U		0.5 U		0.3 U		0.3 U				
CHLOROETHANE	0.5 U			0.5 U		0.5 U		0.5 U		0.5 U		0.5 U				
CHLOROFORM	2			1.4		2.1		0.5 U		0.3 U		0.3 U				
CIS-1,2-DICHLOROETHENE	13			120		8.9		0.7		0.5 U		0.5 U		0.5 U		0.5 U
ETHANE	0.273			0.632		0.005 U		0.163		0.012		0.005 U				
ETHENE	0.039			0.07		0.005 U		0.03		0.005 U		0.005 U				
ETHYLBENZENE	0.5 U			0.5 U		0.5 U		0.5 U		0.5 U		0.5 U				
METHANE	660			5320		0.051		0.912		0.722		0.08				
METHYLENE CHLORIDE	0.5 U			1 U		1 UJ		0.5 U		1 U		1 U				
TETRACHLOROETHENE	0.5 U			0.5 U		0.5 U		0.5 U		0.5 U		0.5 U				
TOLUENE	0.5 U			0.5 U		0.5 U		0.5 U		0.5 U		0.5 U				
TOTAL XYLENES	0.5 U			1 U		1 U		0.5 U		1 U		1 U				
TRANS-1,2-DICHLOROETHENE	0.5 U			0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U
TRICHLOROETHENE	2100			760		2300		22		19		21		0.5 U		0.5 U
VINYL CHLORIDE	0.5 U			8		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U
Explosives (ug/L)																
1,3,5-TRINITROBENZENE	1.1 U			0.71 U		0.51 U		0.74 U		0.30 U		0.75 U		0.49 U		1.1 U
1,3-DINITROBENZENE	1.1 U			0.71 U		0.51 U		0.74 U		0.30 U		0.75 U		0.49 U		1.1 U
2,4,6-TRINITROTOLUENE	1.1 U			0.71 U		0.51 U		0.74 U		0.30 U		0.75 U		0.49 U		1.1 U
2,4-DIAMINO-6-NITROTOLUENE	1.1 U			0.71 U		0.51 U		0.74 U		0.30 U		0.75 U				1.1 U
2,4-DINITROTOLUENE	1.1 U			0.71 U		0.51 U		0.74 U		0.30 U		0.75 U		0.49 U		1.1 U
2,6-DIAMINO-4-NITROTOLUENE	1.1 U			0.71 U		0.51 U		0.74 U		0.30 U		0.75 U				1.1 U
2,6-DINITROTOLUENE	1.1 U			0.71 U		0.51 U		0.74 U		0.30 U		0.75 U		0.49 U		1.1 U
2-AMINO-4,6-DINITROTOLUENE	1.1 U			0.71 U		0.51 U		0.74 U		0.30 U		0.75 U		0.49 U		1.1 U
2-NITROTOLUENE	1.1 U			0.71 U		0.51 U		0.74 U		0.30 U		0.75 U		0.49 U		1.1 U
3,5-DINITROANILINE	1.1 U			0.71 U		0.51 U		0.74 U		0.30 U		0.75 U				1.1 U
3-NITROTOLUENE	1.1 U			0.71 U		0.51 U		0.74 U		0.30 U		0.75 U		0.49 U		1.1 U
4,4'-TN-AZOXY	1.1 U			0.71 U		0.51 U		0.74 U		0.30 U		0.75 U				1.1 U
4-AMINO-2,6-DINITROTOLUENE	1.1 U			0.71 U		0.56 J		0.74 U		0.30 U		0.75 U		0.49 U		1.1 U
4-NITROTOLUENE	1.1 U			0.71 U		0.51 U		0.74 U		0.30 U		0.75 U		0.49 U		1.1 U
HMX	5.6			2.9		5.4		27		29		38		0.49 U		1.1 U
MNX	1.1 U			0.71 U		0.51 U		0.74 U		0.32		0.75 U				1.1 U
NITROBENZENE	1.1 U			0.71 U		0.51 U		0.74 U		0.30 U		0.75 U		0.49 U		1.1 U
NITROCELLULOSE	1000 U			1000 U		1000 U		1000 U		1100		1000 U		1000 U		1200
NITROGLYCERIN	11 U			7.1 U		5.1 U		7.4 U		3 U		7.5 U		4.9 U		11 U
PETN	5.4 U			3.6 U		2.5 U		3.6 U		1.5 U		3.7 U		2.4 U		5.6 U
PICRIC ACID	1.1 UJ			1 U		1 U		1.1 UJ		1 U		1 U				
RDX	34			12		25		14		11		28		0.49 U		1.1 U
TETRYL	1.1 U			0.71 U		0.51 U		0.74 U		0.30 U		0.75 U		0.49 U		1.1 U
TNX	1.1 U			0.71 U		0.51 U		0.74 U		0.30 U		0.75 U				1.1 U

LOCATION	03C11	03C11	03C11	03C11	03C11	03C11	03C11	03C12	03C12	03C12	03C12	03C12	03C12	03C15	03C15	03C15
NSAMPLE	AC111A99-D	AC111A99-F	AC111A99-F-D	AC112A99	AC112A99-F	AC113A99	AC113A99-F	AC121A99	AC121A99-F	AC122A99	AC122A99-F	AC123A99	AC123A99-F	AC151A99	AC151A99-F	AC152A99
SAMPLE	FD02259901	AC111A99-F	FD02259901-F	AC112A99	AC112A99-F	AC113A99	AC113A99-F	AC121A99	AC121A99-F	AC122A99	AC122A99-F	AC123A99	AC123A99-F	AC151A99	AC151A99-F	AC152A99
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	2/25/1999	2/25/1999	2/25/1999	5/21/1999	5/21/1999	9/10/1999	9/10/1999	2/25/1999	2/27/1999	5/22/1999	5/22/1999	9/8/1999	9/8/1999	3/1/1999	3/2/1999	5/23/1999
Total Inorganics (ug/L)																
ANTIMONY	1.1 U			1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
ARSENIC	1.1 U			2.2		1.1 U		1.1 U		1.1 U		1.1 U		1.2		1.1 U
BARIUM	22.0			54.3		23.1		88.7		90.9		96.9		23.1		23.0
BERYLLIUM	1.1 U			1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CADMIUM	1.1 U			1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CHROMIUM	5.6 U			82.9		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U
COBALT	3.3 U			3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
COPPER	2.2 U			2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
IRON	111 U			111 U		111 U		111 U		289		111 U				
LEAD	1.1 U			1.1 U		1.1 U		1.1 U		1.1 U		1.1 UJ		1.1 U		1.1 U
MANGANESE	16.7 U			16.7 U		16.7 U		16.7 U		16.7 U		16.7 U		36.2		34.7
MERCURY	0.20 U			0.20 U		0.2 U		0.20 U		0.20 U		0.20 U		0.20 U		0.20 U
NICKEL	11.1 U			11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
SELENIUM	4.0			8.7		4.4		1.2		2.6		1.2		1.9		2.0
SILVER	3.3 U			3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
THALLIUM	1.1 U			1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
TIN	11.1 UJ			11.1 U		11.1 U		11.1 UJ		11.1 U		11.1 U		11.1 U		11.1 U
VANADIUM	2.2 U			2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
ZINC	11.1 U			11.1 U		11.1 U		11.1 U		11.1 U		11.1 UJ		11.1 U		11.1 U
Dissolved Inorganics (ug/L)																
ANTIMONY		1.1 U	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
ARSENIC		1.1 U	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
BARIUM		26.2	26.8		38.3		27		105		89.3		99.6		22.9	
BERYLLIUM		1.1 U	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
CADMIUM		1.1 U	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
CALCIUM		233000	234000		119000		237000		99600		97100		106000		104000	
CHROMIUM		5.6 U	5.6 U		99		7.3		5.6 U		5.6 U		5.6 U		5.6 U	
COBALT		3.3 U	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U	
COPPER		2.2 U	2.2 U		2.6		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U	
LEAD		1.1 U	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
MAGNESIUM		130000	129000		61400		121000		8130		7970		7510		45100	
MANGANESE		16.7 U	16.7 U		16.7 U		16.7 U		16.7 U		16.7 U		16.7 U		35.1	
MERCURY		0.20 U	0.20 U		0.20 U		0.2 U		0.20 U		0.20 U		0.2 U		0.20 U	
NICKEL		11.1 U	11.1 U		11.1 U		33.4		11.1 U		11.1 U		11.1 U		11.1 U	
POTASSIUM		3180	3190		165000		4770		2060		1900		2160		1960	
SELENIUM		3.9	4.2		7.2		3.4		1.4		1.2		1.3		1.9	
SILVER		3.3 U	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U	
SODIUM		94500	92300		209000		88400		13400		14400		12900		26900	
THALLIUM		1.1 U	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
TIN		11.1 U	11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U	
VANADIUM		2.2 U	2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U	
ZINC		11.1 U	11.1 U		11.1 U		81 J		11.1 U		233 J		11.1 U		11.1 U	
Miscellaneous Parameters (mg/L)																
CHLORIDE	40			29		46		32		41		34		4		4
CYANIDE	0.01 U			0.010 U		0.005 U		0.01 U		0.010 U		0.005 U		0.01 U		0.010 U

LOCATION	03C11	03C11	03C11	03C11	03C11	03C11	03C11	03C12	03C12	03C12	03C12	03C12	03C12	03C15	03C15	03C15
NSAMPLE	AC111A99-D	AC111A99-F	AC111A99-F-D	AC112A99	AC112A99-F	AC113A99	AC113A99-F	AC121A99	AC121A99-F	AC122A99	AC122A99-F	AC123A99	AC123A99-F	AC151A99	AC151A99-F	AC152A99
SAMPLE	FD02259901	AC111A99-F	FD02259901-F	AC112A99	AC112A99-F	AC113A99	AC113A99-F	AC121A99	AC121A99-F	AC122A99	AC122A99-F	AC123A99	AC123A99-F	AC151A99	AC151A99-F	AC152A99
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	2/25/1999	2/25/1999	2/25/1999	5/21/1999	5/21/1999	9/10/1999	9/10/1999	2/25/1999	2/27/1999	5/22/1999	5/22/1999	9/8/1999	9/8/1999	3/1/1999	3/2/1999	5/23/1999
PHOSPHORUS (ELEMENTAL)	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SULFATE	920			980		820		58		61		61		170 J		170
SULFIDE	1 U			1 U		1 UJ		1 U		1 U		2 J				
TOTAL ORGANIC CARBON	1.9			10		7.2 J		1.7		1.3		8.6 J		1.3		1 U
TOTAL ORGANIC HALIDES	1			0.8		1.4		0.02		0.02 U		0.04		0.02 U		0.03
Field Parameters																
ALKALINITY (MG/L)				84		244		216		152		158.8		286		271
BICARBONATE ALKALINITY (MG/L)				84		244		216		152		158.8		286		271
CARBON DIOXIDE (MG/L)				2000		131		136		59.8		63.6				
CARBONATE ALKALINITY (MG/L)				0		0		0		0		0		0		0
DISSOLVED OXYGEN - HACH (MG/L)				5.02		5		7.02		6.88		8				
DISSOLVED OXYGEN - METER (MG/L)				1.48		8.45		8.46		8.56		7.48		1.89		1.84
FERROUS IRON (MG/L)				0.01		0.04		0.01		0.01		0				
HYDROXIDE ALKALINITY (MG/L)				0		0		0		0		0		0		0
NITRATE (MG/L)				0.928		2.43		0.550		2.407		2.43				
NITRITE (MG/L)				0.012		0.006		0		0.003		0.001				
OXIDATION REDUCTION POTENTIAL (MV)				-110.8		-5.8		139.4		194.2		167		3.5		-39.1
PH				11.06		7.19		7.25		7.3		7.11		7.15		7.19
SPECIFIC CONDUCTANCE (MS/CM)				2.106		1.92		0.643		0.62		0.782		0.826		0.781
SULFIDE (MG/L)				0.38		0.03		0		0		0.01				
TEMPERATURE (C)				18.2		19.41		13.3		17.4		17.37		12.9		13.6
TURBIDITY (NTU)				240		3.8		0		5.8		0		1		1
WATER LEVEL (FT)				44.44		44.15		41.86		41.85		41.85		64.71		64.76

LOCATION	03C15	03C15	03C15	03C15	03C15	03C17	03C17	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C20
NSAMPLE	AC152A99-D	AC152A99-F	AC152A99-F-D	AC153A99	AC153A99-F	AC171A99	AC171A99-F	AC172A99	AC172A99-F	AC173A99	AC173A99-F	AC201A99	AC201A99-F	AC202A99	AC202A99-F	AC203A99
SAMPLE	FD05239901	AC152A99-F	FD05239901-F	AC153A99	AC153A99-F	AC171A99	AC171A99-F	AC172A99	AC172A99-F	AC173A99	AC173A99-F	AC201A99	AC201A99-F	AC202A99	AC202A99-F	AC203A99
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	5/23/1999	5/23/1999	5/23/1999	9/8/1999	9/8/1999	3/8/1999	3/8/1999	5/18/1999	5/18/1999	9/9/1999	9/9/1999	3/11/1999	3/11/1999	5/22/1999	5/22/1999	9/14/1999
Volatile Organics (ug/L)																
1,1,1-TRICHLOROETHANE																
1,1-DICHLOROETHANE																
1,1-DICHLOROETHENE	0.5 U			0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U
1,2-DICHLOROETHANE																
BENZENE																
CARBON TETRACHLORIDE																
CHLOROETHANE																
CHLOROFORM																
CIS-1,2-DICHLOROETHENE	0.5 U			0.5 U		0.5 U		0.5 U		0.5 U		67		63		77
ETHANE																
ETHENE																
ETHYLBENZENE																
METHANE																
METHYLENE CHLORIDE																
TETRACHLOROETHENE																
TOLUENE																
TOTAL XYLENES																
TRANS-1,2-DICHLOROETHENE	0.5 U			0.5 U		0.5 U		0.5 U		0.5 U		7.3		7.3		7.2
TRICHLOROETHENE	0.5 U			0.5 U		0.5 U		0.5 U		0.5 U		3700		3300		3400
VINYL CHLORIDE	0.5 U			0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U
Explosives (ug/L)																
1,3,5-TRINITROBENZENE	0.58 U			1.4 U		1.2 U		0.36 U		1.4 U		6.1		6.2		6.7 J
1,3-DINITROBENZENE	0.58 U			1.4 U		1.2 U		0.36 U		1.4 U		0.56 U		0.68 U		1.1 U
2,4,6-TRINITROTOLUENE	0.58 U			1.4 U		1.2 U		0.36 U		1.4 U		0.56 U		0.68 U		1.1 U
2,4-DIAMINO-6-NITROTOLUENE																
2,4-DINITROTOLUENE	0.58 U			1.4 U		1.2 U		0.36 U		1.4 U		0.56 U		0.68 U		1.1 U
2,6-DIAMINO-4-NITROTOLUENE																
2,6-DINITROTOLUENE	0.58 U			1.4 U		1.2 U		0.36 U		1.4 U		0.56 U		0.68 U		1.1 U
2-AMINO-4,6-DINITROTOLUENE	0.58 U			1.4 U		1.2 U		0.36 U		1.4 U		12.0		11		12
2-NITROTOLUENE	0.58 U			1.4 U		1.2 U		0.36 U		1.4 U		0.56 U		0.68 U		1.1 U
3,5-DINITROANILINE																
3-NITROTOLUENE	0.58 U			1.4 U		1.2 U		0.36 U		1.4 U		0.56 U		0.68 U		1.1 U
4,4'-TN-AZOXY																
4-AMINO-2,6-DINITROTOLUENE	0.58 U			1.4 U		1.2 U		0.36 U		1.4 U		18.0		17		19
4-NITROTOLUENE	0.58 U			1.4 U		1.2 U		0.36 U		1.4 U		0.56 U		0.68 U		1.1 U
HMX	0.58 U			1.4 U		1.2 U		0.36 U		1.4 U		25		24		26
MNX																
NITROBENZENE	0.58 U			1.4 U		1.2 U		0.36 U		1.4 U		0.56 U		0.68 U		1.1 U
NITROCELLULOSE	1000 U			1000 U		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U
NITROGLYCERIN	5.8 U			14 U		12 U		3.6 U		14 U		5.6 U		6.8 U		11 U
PETN	2.9 U			6.7 U		6.1 U		1.8 U		6.7 U		2.8 U		3.4 U		5.2 U
PICRIC ACID																
RDX	0.58 U			1.4 U		1.2 U		0.36 U		1.4 U		180		150		170
TETRYL	0.58 U			1.4 U		1.2 U		0.36 U		1.4 U		0.56 U		0.68 U		1.1 U
TNX																

LOCATION	03C15	03C15	03C15	03C15	03C15	03C17	03C17	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C20
NSAMPLE	AC152A99-D	AC152A99-F	AC152A99-F-D	AC153A99	AC153A99-F	AC171A99	AC171A99-F	AC172A99	AC172A99-F	AC173A99	AC173A99-F	AC201A99	AC201A99-F	AC202A99	AC202A99-F	AC203A99
SAMPLE	FD05239901	AC152A99-F	FD05239901-F	AC153A99	AC153A99-F	AC171A99	AC171A99-F	AC172A99	AC172A99-F	AC173A99	AC173A99-F	AC201A99	AC201A99-F	AC202A99	AC202A99-F	AC203A99
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	5/23/1999	5/23/1999	5/23/1999	9/8/1999	9/8/1999	3/8/1999	3/8/1999	5/18/1999	5/18/1999	9/9/1999	9/9/1999	3/11/1999	3/11/1999	5/22/1999	5/22/1999	9/14/1999
Total Inorganics (ug/L)																
ANTIMONY	1.1 U			1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
ARSENIC	1.1 U			1.1		1.9		2.3		2.2		1.1 U		1.1 U		1.1 U
BARIUM	21.8			25.1		11.0		11.7		13.2		29.7		33.9		30.4
BERYLLIUM	1.1 U			1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CADMIUM	1.1 U			1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CHROMIUM	5.6 U			5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U
COBALT	3.3 U			3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
COPPER	2.2 U			2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
IRON																
LEAD	1.1 U			1.1 UJ		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
MANGANESE	33.9			36.2		114		114		140		16.7 U		16.7 U		16.7 U
MERCURY	0.20 U			0.20 U		0.20 U		0.20 U		0.2 U		0.20 U		0.20 U		0.2 U
NICKEL	11.1 U			11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
SELENIUM	1.9			2.0		1.6		1.4		1.3		1.3		1.6		1.3
SILVER	3.3 U			3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
THALLIUM	1.1 U			1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
TIN	11.1 U			11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
VANADIUM	2.2 U			2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
ZINC	28.1 U			11.1 UJ		11.1 U		15.0		11.1 U		11.1 U		11.1 U		11.1 U
Dissolved Inorganics (ug/L)																
ANTIMONY		1.1 U	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
ARSENIC		1.1 U	1.1 U		1.2		2.1		1.7		2		1.1 U		1.1 U	
BARIUM		21.0	21.3		24.9		11.0		10.0		13.8		29.9		30.6	
BERYLLIUM		1.1 U	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
CADMIUM		1.1 U	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
CALCIUM		99300	104000		105000		201000		179000		204000		86000		89100	
CHROMIUM		5.6 U	5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U	
COBALT		3.3 U	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U	
COPPER		2.2 U	2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U	
LEAD		1.1 U	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
MAGNESIUM		43700	44300		43800		199000		173000		196000		29900		29900	
MANGANESE		34.1	36.6		35.7		110		105		130		16.7 U		16.7 U	
MERCURY		0.20 U	0.20 U		0.2 U		0.20 U		0.20 U		0.2 U		0.20 U		0.20 U	
NICKEL		11.1 U	11.1 U		11.1 U		11.1 U		11.1 U		30.7		11.1 U		11.1 U	
POTASSIUM		1790	1620		2110		3220		2720		3300		1990		1720	
SELENIUM		1.1	1.1		2.2		1.9		1.2		1.3		1.4		1.1 U	
SILVER		3.3 U	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U	
SODIUM		25500	25400		25400		115000		101000		119000		12000		11700	
THALLIUM		1.1 U	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
TIN		11.1 U	11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U	
VANADIUM		2.2 U	2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U	
ZINC		11.1 U	11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U	
Miscellaneous Parameters (mg/L)																
CHLORIDE	5			4		4		5 U		3		6		6		5
CYANIDE	0.010 U			0.005 U		0.01 U		0.010 U		0.005 U		0.01 U		0.010 U		0.005 U

LOCATION	03C15	03C15	03C15	03C15	03C15	03C17	03C17	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C20
NSAMPLE	AC152A99-D	AC152A99-F	AC152A99-F-D	AC153A99	AC153A99-F	AC171A99	AC171A99-F	AC172A99	AC172A99-F	AC173A99	AC173A99-F	AC201A99	AC201A99-F	AC202A99	AC202A99-F	AC203A99
SAMPLE	FD05239901	AC152A99-F	FD05239901-F	AC153A99	AC153A99-F	AC171A99	AC171A99-F	AC172A99	AC172A99-F	AC173A99	AC173A99-F	AC201A99	AC201A99-F	AC202A99	AC202A99-F	AC203A99
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	5/23/1999	5/23/1999	5/23/1999	9/8/1999	9/8/1999	3/8/1999	3/8/1999	5/18/1999	5/18/1999	9/9/1999	9/9/1999	3/11/1999	3/11/1999	5/22/1999	5/22/1999	9/14/1999
PHOSPHORUS (ELEMENTAL)	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SULFATE	170			160		1100 J		1300		1000		100 J		110		99
SULFIDE																
TOTAL ORGANIC CARBON	1			7.4 J		1.4		1.2		8.8 J		1.2		1.6		11 J
TOTAL ORGANIC HALIDES	0.02 U			0.02 U		0.02 U		0.02 U		0.02 U		3		1.5		2.3
Field Parameters																
ALKALINITY (MG/L)				255		389		125.6		353		246		214		198
BICARBONATE ALKALINITY (MG/L)				255		389		125.6		353		246		214		198
CARBON DIOXIDE (MG/L)																
CARBONATE ALKALINITY (MG/L)				0		0		0		0		0		0		0
DISSOLVED OXYGEN - HACH (MG/L)																
DISSOLVED OXYGEN - METER (MG/L)				3.3		1.26		2.24		2.14		4.21		4.95		4.66
FERROUS IRON (MG/L)																
HYDROXIDE ALKALINITY (MG/L)				0		0		0		0		0		0		0
NITRATE (MG/L)																
NITRITE (MG/L)																
OXIDATION REDUCTION POTENTIAL (MV)				-50		-22.9		-52.4		-71.0		169.2		168.1		125.0
PH				7.02		7.01		7		7.02		7.13		7.23		7.25
SPECIFIC CONDUCTANCE (MS/CM)				0.856		2.209		2.19		2.26		0.656		0.6		0.577
SULFIDE (MG/L)																
TEMPERATURE (C)				14.99		11.3		14.5		17.21		11.1		14.9		16.16
TURBIDITY (NTU)				0		0		1.2		0		0		1		0
WATER LEVEL (FT)				64.54		138.12		138.22		138.07		89.50		89.63		89.4

LOCATION	03C20	03C25	03C25	03C25	03C25	03C25	03C25	03C26	03C26	03C26	03C26	03C26	03C26	03C27	03C27	03C27
NSAMPLE	AC203A99-F	AC251A99	AC251A99-F	AC252A99	AC252A99-F	AC253A99	AC253A99-F	AC261A99	AC261A99-F	AC262A99	AC262A99-F	AC263A99	AC263A99-F	AC271A99	AC271A99-D	AC271A99-F
SAMPLE	AC203A99-F	AC251A99	AC251A99-F	AC252A99	AC252A99-F	AC253A99	AC253A99-F	AC261A99	AC261A99-F	AC262A99	AC262A99-F	AC263A99	AC263A99-F	AC271A99	FD03029901	AC271A99-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/14/1999	2/24/1999	2/24/1999	5/25/1999	5/2/1999	9/10/1999	9/10/1999	3/2/1999	3/2/1999	5/23/1999	5/23/1999	9/12/1999	9/12/1999	3/2/1999	3/2/1999	3/2/1999
Volatile Organics (ug/L)																
1,1,1-TRICHLOROETHANE		0.5 U		0.5 U		0.5 U										
1,1-DICHLOROETHANE		0.5 U		0.5 U		0.5 U										
1,1-DICHLOROETHENE		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	0.5 U	
1,2-DICHLOROETHANE		0.5 U		0.5 U		0.5 U										
BENZENE		0.5 U		0.5 U		0.5 U										
CARBON TETRACHLORIDE		0.5 U		0.3 U		0.3 U										
CHLOROETHANE		0.5 U		0.5 U		0.5 U										
CHLOROFORM		0.5 U		0.3 U		0.3 U										
CIS-1,2-DICHLOROETHENE		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	0.5 U	
ETHANE		0.583		0.064		0.044										
ETHENE		0.099		0.005 U		0.005 U										
ETHYLBENZENE		0.5 U		0.5 U		0.5 U										
METHANE		55.04		49.4		43.8										
METHYLENE CHLORIDE		0.5 U		1 U		1 U										
TETRACHLOROETHENE		0.5 U		0.5 U		0.5 U										
TOLUENE		0.5 U		0.5 U		0.5 U										
TOTAL XYLENES		0.5 U		1 U		1 U										
TRANS-1,2-DICHLOROETHENE		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	0.5 U	
TRICHLOROETHENE		0.5 U		0.5 U		0.5 U		4.2		9.1		8.9		4	8.9	
VINYL CHLORIDE		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	0.5 U	
Explosives (ug/L)																
1,3,5-TRINITROBENZENE		1.2 U		1 U		0.79 U		1.4 U		0.81 U		0.61 U		1.3 U	0.55 U	
1,3-DINITROBENZENE		1.2 U		1 U		0.79 U		1.4 U		0.81 U		0.61 U		1.3 U	0.55 U	
2,4,6-TRINITROTOLUENE		1.2 U		1 U		0.79 U		1.4 U		0.81 U		0.61 U		1.3 U	0.55 U	
2,4-DIAMINO-6-NITROTOLUENE		1.2 U		1 U		0.79 U										
2,4-DINITROTOLUENE		1.2 U		1 U		0.79 U		1.4 U		0.81 U		0.61 U		1.3 U	0.55 U	
2,6-DIAMINO-4-NITROTOLUENE		1.2 U		1 U		0.79 U										
2,6-DINITROTOLUENE		1.2 U		1 U		0.79 U		1.4 U		0.81 U		0.61 U		1.3 U	0.55 U	
2-AMINO-4,6-DINITROTOLUENE		1.2 U		1 U		0.79 U		1.4 U		0.81 U		0.61 U		1.3 U	0.55 U	
2-NITROTOLUENE		1.2 U		1 U		0.79 U		1.4 U		0.81 U		0.61 U		1.3 U	0.55 U	
3,5-DINITROANILINE		1.2 U		1 U		0.79 U										
3-NITROTOLUENE		1.2 U		1 U		0.79 U		1.4 U		0.81 U		0.61 U		1.3 U	0.55 U	
4,4'-TN-AZOXY		1.2 U		1 U		0.79 U										
4-AMINO-2,6-DINITROTOLUENE		1.2 U		1 U		0.79 U		1.4 U		0.81 U		0.61 U		1.3 U	0.55 U	
4-NITROTOLUENE		1.2 U		1 U		0.79 U		1.4 U		0.81 U		0.61 U		1.3 U	0.55 U	
HMX		1.2 U		1 U		0.79 U		1.4 U		0.81 U		0.61 U		1.3 U	0.55 U	
MNX		1.2 U		1 U		0.79 U										
NITROBENZENE		1.2 U		1 U		0.79 U		1.4 U		0.81 U		0.61 U		1.3 U	0.55 U	
NITROCELLULOSE		1000 U		1400		1000 U		1000 U		1100		1000 U		1000 UR	1000 U	
NITROGLYCERIN		12 U		10 U		7.9 U		14 U		8.1 U		6.1 U		13 U	5.5 U	
PETN		5.7 U		5.1 U		3.9 U		6.7 U		4 U		3 U		6.4 U	2.7 U	
PICRIC ACID		1.0 UJ		1 U		1 U										
RDX		1.2 U		1 U		0.79 U		1.4 U		0.81 U		0.8		1.3 U	0.55 U	
TETRYL		1.2 U		1 U		0.79 U		1.4 U		0.81 U		0.61 U		1.3 U	0.55 U	
TNX		1.2 U		1 U		0.79 U										

LOCATION	03C20	03C25	03C25	03C25	03C25	03C25	03C25	03C26	03C26	03C26	03C26	03C26	03C26	03C27	03C27	03C27
NSAMPLE	AC203A99-F	AC251A99	AC251A99-F	AC252A99	AC252A99-F	AC253A99	AC253A99-F	AC261A99	AC261A99-F	AC262A99	AC262A99-F	AC263A99	AC263A99-F	AC271A99	AC271A99-D	AC271A99-F
SAMPLE	AC203A99-F	AC251A99	AC251A99-F	AC252A99	AC252A99-F	AC253A99	AC253A99-F	AC261A99	AC261A99-F	AC262A99	AC262A99-F	AC263A99	AC263A99-F	AC271A99	FD03029901	AC271A99-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/14/1999	2/24/1999	2/24/1999	5/25/1999	5/2/1999	9/10/1999	9/10/1999	3/2/1999	3/2/1999	5/23/1999	5/23/1999	9/12/1999	9/12/1999	3/2/1999	3/2/1999	3/2/1999
Total Inorganics (ug/L)																
ANTIMONY		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U	
ARSENIC		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U	
BARIUM		15.6		1.1 U		16.8		37.4		37.9		41.6		34.3	32.3	
BERYLLIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U	
CADMIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U	
CHROMIUM		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U	5.6 U	
COBALT		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U	3.3 U	
COPPER		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U	2.2 U	
IRON		140		158		201								111 U		
LEAD		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U	
MANGANESE		24.1		24.4		29.7		40.0		23.8		20.1		16.7 U	16.7 U	
MERCURY		0.20 U		0.20 U		0.2 U		0.20 U		0.20 U		0.2 U		0.20 U	0.20 U	
NICKEL		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U	11.1 U	
SELENIUM		1.1 U		1.1 U		1.1 U		1.3		1.7		1.3		1.1	1.6	
SILVER		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U	3.3 U	
THALLIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U	
TIN		11.1 UJ		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U	11.1 U	
VANADIUM		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U	2.2 U	
ZINC		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U	11.1 U	
Dissolved Inorganics (ug/L)																
ANTIMONY	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U			1.1 U
ARSENIC	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U			1.1 U
BARIUM	34.4		20.8		15.8		18.1		36.9		35.2		47.3			32.7
BERYLLIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U			1.1 U
CADMIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U			1.1 U
CALCIUM	92200		106000		104000		104000		98700		91800		106000			59800
CHROMIUM	5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U			5.6 U
COBALT	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U			3.3 U
COPPER	2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U			2.2 U
LEAD	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U			1.1 U
MAGNESIUM	31100		60700		58200		59600		53100		49600		55700			3280
MANGANESE	16.7 U		24.7		24.0		23.8		39.9		24.3		20.7			16.7 U
MERCURY	0.2 U		0.20 U		0.20 U		0.2 U		0.20 U		0.20 U		0.2 U			0.20 U
NICKEL	11.1		11.1 U		11.1 U		15.7		11.1 U		11.1 U		12.9			11.1 U
POTASSIUM	2130		2650		2460		2640		2110		2210		3110			1220
SELENIUM	1.1 U		1.1		1.1 U		1.1 U		1.6		1.1 U		1.2			1.3
SILVER	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U			3.3 U
SODIUM	12700		63600		60400		66100		16800		15700		18500			5980
THALLIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U			1.1 U
TIN	11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U			11.1 U
VANADIUM	2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U			2.2 U
ZINC	14 J		11.1 U		11.1 U		14.6 J		14.0		11.1 U		11.1 U			11.1 U
Miscellaneous Parameters (mg/L)																
CHLORIDE		2		2		2		4		4		3		3	3	
CYANIDE		0.01 U		0.010 U		0.005 U		0.01 U		0.010 U		0.005 U		0.01 U	0.01 U	

LOCATION	03C20	03C25	03C25	03C25	03C25	03C25	03C25	03C26	03C26	03C26	03C26	03C26	03C26	03C27	03C27	03C27
NSAMPLE	AC203A99-F	AC251A99	AC251A99-F	AC252A99	AC252A99-F	AC253A99	AC253A99-F	AC261A99	AC261A99-F	AC262A99	AC262A99-F	AC263A99	AC263A99-F	AC271A99	AC271A99-D	AC271A99-F
SAMPLE	AC203A99-F	AC251A99	AC251A99-F	AC252A99	AC252A99-F	AC253A99	AC253A99-F	AC261A99	AC261A99-F	AC262A99	AC262A99-F	AC263A99	AC263A99-F	AC271A99	FD03029901	AC271A99-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/14/1999	2/24/1999	2/24/1999	5/25/1999	5/2/1999	9/10/1999	9/10/1999	3/2/1999	3/2/1999	5/23/1999	5/23/1999	9/12/1999	9/12/1999	3/2/1999	3/2/1999	3/2/1999
PHOSPHORUS (ELEMENTAL)	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SULFATE		270		260		270		92 J		100		94		17 J	12 J	
SULFIDE		1 U		1 U		1 UJ										
TOTAL ORGANIC CARBON		1 U		1 U		8.6 J		1 U		1.3		8.7 J		1.4	1.1	
TOTAL ORGANIC HALIDES		0.03		0.02 U		0.02 U		0.02 U		0.02 U		0.02 U		0.02 U	0.02 U	
Field Parameters																
ALKALINITY (MG/L)		180		318		328		322		274		301		156	143	
BICARBONATE ALKALINITY (MG/L)		180		318		328		322		274		301		156	143	
CARBON DIOXIDE (MG/L)		191		83.8		93										
CARBONATE ALKALINITY (MG/L)		0		0		0		0		0		0		0	0	
DISSOLVED OXYGEN - HACH (MG/L)		0		0.3		0.28										
DISSOLVED OXYGEN - METER (MG/L)		3.14		4.89		1.4		4.04		28.39		5.50		7.87		
FERROUS IRON (MG/L)		0.12		0.15		0.15										
HYDROXIDE ALKALINITY (MG/L)		0		0		0		0		0		0		0	0	
NITRATE (MG/L)		0		0.129		0.03										
NITRITE (MG/L)		0		0.001		0.002										
OXIDATION REDUCTION POTENTIAL (MV)		-74.1		-74.8		-70.3		106.1		63.7		125.9		164.9		
PH		7.11		7.2		7.16		7.11		7.03		7.22		7.59		
SPECIFIC CONDUCTANCE (MS/CM)		1.063		0.981		1.09		0.780		0.71		0.744		0.304		
SULFIDE (MG/L)		0.04		0.06		0.13										
TEMPERATURE (C)		10.8		12.7		13.6		11.2		17.4		27.08		8.2		
TURBIDITY (NTU)		0		0		1.5		0		1.3		0		8		
WATER LEVEL (FT)		46.81		46.97		46.76		82.67		82.8		82.58		60.73		

LOCATION	03C27	03C27	03C27	03C27	03C27	03C30	03C30	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A
NSAMPLE	AC271A99-F-D	AC272A99	AC272A99-F	AC273A99	AC273A99-F	AC301A99	AC301A99-F	AC302A99	AC302A99-F	AC303A99	AC303A99-F	ASPA1A99	ASPA1A99-F	ASPA2A99	ASPA2A99-D	ASPA2A99-F
SAMPLE	FD03029901-F	AC272A99	AC272A99-F	AC273A99	AC273A99-F	AC301A99	AC301A99-F	AC302A99	AC302A99-F	AC303A99	AC303A99-F	ASPA1A99	ASPA1A99-F	ASPA2A99	FD05209901	ASPA2A99-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/2/1999	5/24/1999	5/24/1999	9/8/1999	9/8/1999	3/8/1999	3/9/1999	5/24/1999	5/24/1999	9/10/1999	9/10/1999	2/28/1999	2/28/1999	5/20/1999	5/20/1999	5/20/1999
Volatile Organics (ug/L)																
1,1,1-TRICHLOROETHANE												0.5 U		0.5 UJ	0.5 UJ	
1,1-DICHLOROETHANE												0.5 U		0.5 U	0.5 U	
1,1-DICHLOROETHENE		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	0.5 U	
1,2-DICHLOROETHANE												0.5 U		0.5 U	0.5 U	
BENZENE												0.5 U		0.5 U	0.5 U	
CARBON TETRACHLORIDE												0.5 U		0.3 UJ	0.3 UJ	
CHLOROETHANE												0.5 U		0.5 U	0.5 U	
CHLOROFORM												0.5 U		0.3 U	0.3 U	
CIS-1,2-DICHLOROETHENE		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	0.5 U	
ETHANE												0.112		0.005 U	0.005 U	
ETHENE												0.027		0.005 U	0.005 U	
ETHYLBENZENE												0.5 U		0.5 U	0.5 U	
METHANE												0.501		0.113	0.124	
METHYLENE CHLORIDE												0.5 U		1 U	1 U	
TETRACHLOROETHENE												0.5 U		0.5 U	0.5 U	
TOLUENE												0.5 U		0.5 U	0.5 U	
TOTAL XYLENES												0.5 U		1 U	1 U	
TRANS-1,2-DICHLOROETHENE		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	0.5 U	
TRICHLOROETHENE		3.8		4.2		0.5 U		0.5 U		0.5 U		0.6		0.5 U	0.5 U	
VINYL CHLORIDE		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	0.5 U	
Explosives (ug/L)																
1,3,5-TRINITROBENZENE		0.55 U		0.86 U		0.56 U		0.79 U		0.25 U		0.29 U		0.33 U	0.73 U	
1,3-DINITROBENZENE		0.55 U		0.86 U		0.56 U		0.79 U		0.25 U		0.29 U		0.33 U	0.73 U	
2,4,6-TRINITROTOLUENE		0.55 U		0.86 U		0.56 U		0.79 U		0.25 U		0.49 J		0.84	0.87	
2,4-DIAMINO-6-NITROTOLUENE												0.29 U		0.33 U	0.73 U	
2,4-DINITROTOLUENE		0.55 U		0.86 U		0.56 U		0.79 U		0.25 U		0.29 U		0.33 U	0.73 U	
2,6-DIAMINO-4-NITROTOLUENE												0.29 U		0.33 U	0.73 U	
2,6-DINITROTOLUENE		0.55 U		0.86 U		0.56 U		0.79 U		0.25 U		0.29 U		0.33 U	0.73 U	
2-AMINO-4,6-DINITROTOLUENE		0.55 U		0.86 U		0.56 U		0.79 U		0.25 U		0.29 U		0.33 U	0.73 U	
2-NITROTOLUENE		0.55 U		0.86 U		0.56 U		0.79 U		0.25 U		0.29 U		0.33 U	0.73 U	
3,5-DINITROANILINE												0.29 U		0.33 U	0.73 U	
3-NITROTOLUENE		0.55 U		0.86 U		0.56 U		0.79 U		0.25 U		0.29 U		0.33 U	0.73 U	
4,4'-TN-AZOXY												0.29 U		0.33 U	0.73 U	
4-AMINO-2,6-DINITROTOLUENE		0.55 U		0.86 U		0.56 U		0.79 U		0.25 U		0.29 U		0.77	0.80	
4-NITROTOLUENE		0.55 U		0.86 U		0.56 U		0.79 U		0.25 U		0.29 U		0.33 U	0.73 U	
HMX		0.55 U		0.86 U		0.56 U		0.79 U		0.25 U		4.0		5.5	5.9	
MNX												0.29 U		0.33 U	0.73 U	
NITROBENZENE		0.55 U		0.86 U		0.56 U		0.79 U		0.25 U		0.29 U		0.33 U	0.73 U	
NITROCELLULOSE		1200		1000 U		1000 U		1100		1000 U		1000 U		1000 U	1000 U	
NITROGLYCERIN		5.5 U		8.6 U		5.6 U		7.9 U		2.5 U		0.29 U		3.2 U	7.3 U	
PETN		2.7 U		4.2 U		2.8 U		4 U		1.2 U		1.4 U		1.6 U	3.6 U	
PICRIC ACID												1.0 UJ		1 U	1 U	
RDX		0.55 U		0.86 U		0.56 U		0.79 U		0.25 U		1.5		6	6.6	
TETRYL		0.55 U		0.86 U		0.56 U		0.79 U		0.25 U		0.29 U		0.33 U	0.73 U	
TNX												0.29 U		0.33 U	0.73 U	

LOCATION	03C27	03C27	03C27	03C27	03C27	03C30	03C30	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A
NSAMPLE	AC271A99-F-D	AC272A99	AC272A99-F	AC273A99	AC273A99-F	AC301A99	AC301A99-F	AC302A99	AC302A99-F	AC303A99	AC303A99-F	ASPA1A99	ASPA1A99-F	ASPA2A99	ASPA2A99-D	ASPA2A99-F
SAMPLE	FD03029901-F	AC272A99	AC272A99-F	AC273A99	AC273A99-F	AC301A99	AC301A99-F	AC302A99	AC302A99-F	AC303A99	AC303A99-F	ASPA1A99	ASPA1A99-F	ASPA2A99	FD05209901	ASPA2A99-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/2/1999	5/24/1999	5/24/1999	9/8/1999	9/8/1999	3/8/1999	3/9/1999	5/24/1999	5/24/1999	9/10/1999	9/10/1999	2/28/1999	2/28/1999	5/20/1999	5/20/1999	5/20/1999
Total Inorganics (ug/L)																
ANTIMONY		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U	
ARSENIC		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U	
BARIUM		31.9		33.0		61.1		69.1		17.2		42.0		73.1	72.3	
BERYLLIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U	
CADMIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U	
CHROMIUM		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U	5.6 U	
COBALT		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U	3.3 U	
COPPER		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U	2.2 U	
IRON												507		138	177	
LEAD		1.1 U		1.1 UJ		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U	
MANGANESE		16.7 U		16.7 U		30.3		19.1		26.7		16.7 U		16.7 U	16.7 U	
MERCURY		0.20 U		0.20 U		0.20 U		0.20 U		0.2 U		0.20 U		0.20 U	0.20	
NICKEL		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U	11.1 U	
SELENIUM		1.2		1.1 U		1.1 U		2.3		1.1 U		1.1 U		1.1 U	1.1 U	
SILVER		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U	3.3 U	
THALLIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U	
TIN		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 UJ		11.1 U	11.1 U	
VANADIUM		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U	2.2 U	
ZINC		11.1 U		20.6 J		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U	11.1 U	
Dissolved Inorganics (ug/L)																
ANTIMONY	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U			1.1 U
ARSENIC	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U			1.1 U
BARIUM	31.9		31.1		33.2		57.7		66.4		73		48.8			64.6
BERYLLIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U			1.1 U
CADMIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U			1.1 U
CALCIUM	57000		52500		57100		71000		54500		52800		13500			25000
CHROMIUM	5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U			5.6 U
COBALT	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U			3.3 U
COPPER	2.2 U		2.2 U		2.2 U		11.2		2.2 U		2.2 U		2.2 U			2.2 U
LEAD	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U			1.1 U
MAGNESIUM	3150		2830		3030		36700		33200		33300		3220			5870
MANGANESE	16.7 U		16.7 U		16.7 U		39.4		17.8		16.7 U		16.7 U			16.7 U
MERCURY	0.20 U		0.20 U		0.2 U		0.20 U		0.20 U		0.2 U		0.20 U			0.20 U
NICKEL	11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U			11.1 U
POTASSIUM	1220		1110 U		1400		2790		2690		3630		1400			1370
SELENIUM	2		1.1 U		1.2		1.1 U		1.1 U		1.1 U		1.1 U			1.1 U
SILVER	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U			3.3 U
SODIUM	5800		5340		5720		68000		71100		80700		2240			3790
THALLIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U			1.1 U
TIN	11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U			11.1 U
VANADIUM	2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U			2.2 U
ZINC	11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U			11.1 U
Miscellaneous Parameters (mg/L)																
CHLORIDE		3		3		2		2		2		2		5 U	5 U	
CYANIDE		0.010 U		0.005 U		0.01 U		0.010 U		0.005 U		0.01 U		0.010 U	0.010 U	

LOCATION	03C27	03C27	03C27	03C27	03C27	03C30	03C30	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A
NSAMPLE	AC271A99-F-D	AC272A99	AC272A99-F	AC273A99	AC273A99-F	AC301A99	AC301A99-F	AC302A99	AC302A99-F	AC303A99	AC303A99-F	ASPA1A99	ASPA1A99-F	ASPA2A99	ASPA2A99-D	ASPA2A99-F
SAMPLE	FD03029901-F	AC272A99	AC272A99-F	AC273A99	AC273A99-F	AC301A99	AC301A99-F	AC302A99	AC302A99-F	AC303A99	AC303A99-F	ASPA1A99	ASPA1A99-F	ASPA2A99	FD05209901	ASPA2A99-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/2/1999	5/24/1999	5/24/1999	9/8/1999	9/8/1999	3/8/1999	3/9/1999	5/24/1999	5/24/1999	9/10/1999	9/10/1999	2/28/1999	2/28/1999	5/20/1999	5/20/1999	5/20/1999
PHOSPHORUS (ELEMENTAL)	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SULFATE		9		12		130 J		120		120		19		29	30	
SULFIDE												1 U		1 U	1 U	
TOTAL ORGANIC CARBON		1 U		7		1.8		1 U		7.8 J		3		1.5	1.6	
TOTAL ORGANIC HALIDES		0.02 U		0.02 U		0.05		0.02 U		0.02 U		0.02 U		0.02 U	0.02 U	
Field Parameters																
ALKALINITY (MG/L)		127		116.4		408		240		229		26.3		59	86.4	
BICARBONATE ALKALINITY (MG/L)		127		116.4		408		240		229		26.3		59	86.4	
CARBON DIOXIDE (MG/L)												17.8		28.4	10.4	
CARBONATE ALKALINITY (MG/L)		0		0		0		0		0		0		0	0	
DISSOLVED OXYGEN - HACH (MG/L)												9.32		9.76	9.98	
DISSOLVED OXYGEN - METER (MG/L)		12.31		10.46		0.77		14.22		3.04		12.65		9.1		
FERROUS IRON (MG/L)												0.01		0.01	0	
HYDROXIDE ALKALINITY (MG/L)		0		0		0		0		0		0		0	0	
NITRATE (MG/L)												0.20		0.086	0.28	
NITRITE (MG/L)												0		0.004	0.001	
OXIDATION REDUCTION POTENTIAL (MV)		164.4		210.5		-112.9		-89.7		-61		157.0		153.7		
PH		7.66		7.62		8.32		9.59		9.44		7.30		7.54		
SPECIFIC CONDUCTANCE (MS/CM)		0.283		0.314		0.778		0.557		0.675		0.106		0.168		
SULFIDE (MG/L)												0.030		0	0	
TEMPERATURE (C)		12.5		14.7		10.9		14.22		16.0		8.1		12.6		
TURBIDITY (NTU)		2		1.4		0		0.7		0		15.9		8		
WATER LEVEL (FT)		60.75		60.88		223.38		223.51		223.39						

LOCATION	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPA2A99-F-D	ASPA3A99	ASPA3A99-F	ASPC1A99	ASPC1A99-F	ASPC2A99	ASPC2A99-F	ASPC3A99	ASPC3A99-D	ASPC3A99-F	ASPC3A99-F-D
SAMPLE	FD05209901-F	ASPA3A99	ASPA3A99-F	ASPC1A99	ASPC1A99-F	ASPC2A99	ASPC2A99-F	ASPC3A99	FD09139901	ASPC3A99-F	FD09139901-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	5/20/1999	9/13/1999	9/13/1999	2/28/1999	2/28/1999	5/20/1999	5/20/1999	9/13/1999	9/13/1999	9/13/1999	9/13/1999
Volatile Organics (ug/L)											
1,1,1-TRICHLOROETHANE		0.5 U		0.5 U		0.5 UJ		0.5 U	0.5 U		
1,1-DICHLOROETHANE		0.5 U		0.5 U		0.5 U		0.5 U	0.5 U		
1,1-DICHLOROETHENE		0.5 U		0.5 U		0.5 U		0.5 U	0.5 U		
1,2-DICHLOROETHANE		0.5 U		0.5 U		0.5 U		0.5 U	0.5 U		
BENZENE		0.5 U		0.5 U		0.5 U		0.5 U	0.5 U		
CARBON TETRACHLORIDE		0.3 U		0.5 U		0.3 UJ		0.3 U	0.3 U		
CHLOROETHANE		0.5 U		0.5 U		0.5 U		0.5 U	0.5 U		
CHLOROFORM		0.3 U		0.5 U		0.3 U		0.3 U	0.3 U		
CIS-1,2-DICHLOROETHENE		0.5 U		0.5 U		0.5 U		0.5 U	0.5 U		
ETHANE		0.005 U		0.119		0.005 U		0.005 U	0.005 U		
ETHENE		0.005 U		0.026		0.005 U		0.005 U	0.005 U		
ETHYLBENZENE		0.5 U		0.5 U		0.5 U		0.5 U	0.5 U		
METHANE		0.048		0.536		0.076		0.059	0.07		
METHYLENE CHLORIDE		1 UJ		0.5 U		1 U		1 UJ	1 UJ		
TETRACHLOROETHENE		0.5 U		0.5 U		0.5 U		0.5 U	0.5 U		
TOLUENE		0.5 U		0.5 U		0.5 U		0.5 U	0.5 U		
TOTAL XYLENES		0.5 U		0.5 U		1 U		0.5 U	0.5 U		
TRANS-1,2-DICHLOROETHENE		0.5 U		0.5 U		0.5 U		0.5 U	0.5 U		
TRICHLOROETHENE		0.5 U		0.5 U		0.5 U		0.5 U	0.5 U		
VINYL CHLORIDE		0.5 U		0.5 U		0.5 U		0.5 U	0.5 U		
Explosives (ug/L)											
1,3,5-TRINITROBENZENE		0.87 U		1.6 U		0.66 U		0.31 U	0.4 U		
1,3-DINITROBENZENE		0.87 U		1.6 U		0.66 U		0.31 U	0.4 U		
2,4,6-TRINITROTOLUENE		1.8		1.6 U		0.66 U		0.31 U	0.4 U		
2,4-DIAMINO-6-NITROTOLUENE		0.87 U		1.6 U		0.66 U		0.31 U	0.4 U		
2,4-DINITROTOLUENE		0.87 U		1.6 U		0.66 U		0.31 U	0.4 U		
2,6-DIAMINO-4-NITROTOLUENE		0.87 U		1.6 U		0.66 U		0.31 U	0.4 U		
2,6-DINITROTOLUENE		0.87 U		1.6 U		0.66 U		0.31 U	0.4 U		
2-AMINO-4,6-DINITROTOLUENE		2.1		1.6 U		0.66 U		0.31 U	0.4 U		
2-NITROTOLUENE		0.87 U		1.6 U		0.66 U		0.31 U	0.4 U		
3,5-DINITROANILINE		0.94		1.6 U		0.66 U		0.31 U	0.4 U		
3-NITROTOLUENE		0.87 U		1.6 U		0.66 U		0.31 U	0.4 U		
4,4'-TN-AZOXY		0.87 U		1.6 U		0.66 U		0.31 U	0.4 U		
4-AMINO-2,6-DINITROTOLUENE		4.9		1.6 U		0.66 U		0.31 U	0.4 U		
4-NITROTOLUENE		0.87 U		1.6 U		0.66 U		0.31 U	0.4 U		
HMX		31		1.6 U		1.5		0.51	0.54		
MNX		2.4 J		1.6 U		0.66 U		0.31 U	0.4 U		
NITROBENZENE		0.87 U		1.6 U		0.66 U		0.31 U	0.4 U		
NITROCELLULOSE		1000 U		1000 U		1000 U		1000 UR	1000 U		
NITROGLYCERIN		8.7 U		16 U		6.6 U		3.1 U	4 U		
PETN		4.3 U		8.0 U		3.3 U		1.5 U	2 U		
PICRIC ACID		1 U		1.0 UJ		1 U		1 U	1 U		
RDX		120		1.7		1.9		0.72	0.77		
TETRYL		0.87 U		1.6 U		0.66 U		0.31 U	0.4 U		
TNX		0.87 U		1.6 U		0.66 U		0.31 U	0.4 U		

LOCATION	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPA2A99-F-D	ASPA3A99	ASPA3A99-F	ASPC1A99	ASPC1A99-F	ASPC2A99	ASPC2A99-F	ASPC3A99	ASPC3A99-D	ASPC3A99-F	ASPC3A99-F-D
SAMPLE	FD05209901-F	ASPA3A99	ASPA3A99-F	ASPC1A99	ASPC1A99-F	ASPC2A99	ASPC2A99-F	ASPC3A99	FD09139901	ASPC3A99-F	FD09139901-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	5/20/1999	9/13/1999	9/13/1999	2/28/1999	2/28/1999	5/20/1999	5/20/1999	9/13/1999	9/13/1999	9/13/1999	9/13/1999
Total Inorganics (ug/L)											
ANTIMONY		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U		
ARSENIC		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U		
BARIUM		142		27.6		45.4		70.2	68.9		
BERYLLIUM		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U		
CADMIUM		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U		
CHROMIUM		5.6 U		5.6 U		5.6 U		5.6 U	5.6 U		
COBALT		3.3 U		3.3 U		3.3 U		3.3 U	3.3 U		
COPPER		2.2 U		2.2 U		2.2 U		2.2 U	2.2 U		
IRON		111 U		111 U		206		118	111 U		
LEAD		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U		
MANGANESE		16.7 U		16.7 U		16.7 U		16.7 U	16.7 U		
MERCURY		0.2 U		0.20 U		0.20 U		0.2 U	0.2 U		
NICKEL		11.1 U		11.1 U		11.1 U		11.1 U	11.1 U		
SELENIUM		1.6		1.1 U		1.1 U		1.1 U	1.2		
SILVER		3.3 U		3.3 U		3.3 U		3.3 U	3.3 U		
THALLIUM		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U		
TIN		11.1 U		11.1 UJ		11.1 U		11.1 U	11.1 U		
VANADIUM		2.2 U		2.2 U		2.2 U		2.2 U	2.2 U		
ZINC		11.1 U		11.1 U		11.1 U		11.1 U	11.1 U		
Dissolved Inorganics (ug/L)											
ANTIMONY	1.1 U		1.1 U		1.1 U		1.1 U			1.1 U	1.1 U
ARSENIC	1.1 U		1.1 U		1.1 U		1.1 U			1.1 U	1.1 U
BARIUM	63.2		154		30.2		39.3			71.8	72.2
BERYLLIUM	1.1 U		1.1 U		1.1 U		1.1 U			1.1 U	1.1 U
CADMIUM	1.1 U		1.1 U		1.1 U		1.1 U			1.1 U	1.1 U
CALCIUM	24600		71800		10900		22700			58800	57700
CHROMIUM	5.6 U		5.6 U		5.6 U		5.6 U			5.6 U	5.6 U
COBALT	3.3 U		3.3 U		3.4		3.3 U			3.3 U	3.3 U
COPPER	2.2 U		2.2 U		2.2 U		2.2 U			2.2 U	2.2 U
LEAD	1.1 U		1.1 U		1.1 U		1.1 U			1.1 U	1.1 U
MAGNESIUM	6080		15800		2470		4140			12200	12100
MANGANESE	16.7 U		16.7 U		16.7 U		16.7 U			16.7 U	16.7 U
MERCURY	0.20 U		0.2 U		0.20 U		0.20 U			0.2 U	0.2 U
NICKEL	11.1 U		11.1 U		11.1 U		11.1 U			11.1 U	11.1 U
POTASSIUM	1370		2780		1110		1110 U			1240	1180
SELENIUM	1.1 U		1.1		1.1 U		1.1 U			1.1 U	1.1 U
SILVER	3.3 U		3.3 U		3.3 U		3.3 U			3.3 U	3.3 U
SODIUM	3970		11400		1530		2490			6710	6590
THALLIUM	1.1 U		1.1 U		1.1 U		1.1 U			1.1 U	1.1 U
TIN	11.1 U		11.1 U		11.1 U		11.1 U			11.1 U	11.1 U
VANADIUM	2.2 U		2.2 U		2.2 U		2.2 U			2.2 U	2.2 U
ZINC	12.1		32.8 J		11.1 U		11.1 U			11.1 U	11.1 U
Miscellaneous Parameters (mg/L)											
CHLORIDE		11		1		5 U		4	4		
CYANIDE		0.005 U		0.01 U		0.010 U		0.005 U	0.005 U		

LOCATION	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPA2A99-F-D	ASPA3A99	ASPA3A99-F	ASPC1A99	ASPC1A99-F	ASPC2A99	ASPC2A99-F	ASPC3A99	ASPC3A99-D	ASPC3A99-F	ASPC3A99-F-D
SAMPLE	FD05209901-F	ASPA3A99	ASPA3A99-F	ASPC1A99	ASPC1A99-F	ASPC2A99	ASPC2A99-F	ASPC3A99	FD09139901	ASPC3A99-F	FD09139901-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	5/20/1999	9/13/1999	9/13/1999	2/28/1999	2/28/1999	5/20/1999	5/20/1999	9/13/1999	9/13/1999	9/13/1999	9/13/1999
PHOSPHORUS (ELEMENTAL)	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SULFATE		59		16		23		49	48		
SULFIDE		1 UJ		1 U		1 U		1 UJ	1 UJ		
TOTAL ORGANIC CARBON		7.5 J		2.4		1.4		8 J	5 J		
TOTAL ORGANIC HALIDES		0.02 U		0.02 U		0.02 U		0.02 U	0.02 U		
Field Parameters											
ALKALINITY (MG/L)		158		20.4		79.6		165	136		
BICARBONATE ALKALINITY (MG/L)		158		20.4		79.6		165	136		
CARBON DIOXIDE (MG/L)		37.9		20.1		31.8		39.8	40.7		
CARBONATE ALKALINITY (MG/L)		0		0		0		0	0		
DISSOLVED OXYGEN - HACH (MG/L)		12		10.68		10.56		11	11		
DISSOLVED OXYGEN - METER (MG/L)		11.12		13.15		9.01		11.06	11.06		
FERROUS IRON (MG/L)		0.01		0		0		0.01	0		
HYDROXIDE ALKALINITY (MG/L)		0		0		0		0	0		
NITRATE (MG/L)		2.43		0.2		0.337		1.82	1.71		
NITRITE (MG/L)		0.001		0		0.003		0.001	0.001		
OXIDATION REDUCTION POTENTIAL (MV)		132.6		165.8		124.9		147			
PH		7.60		7.14		7.47		7.55			
SPECIFIC CONDUCTANCE (MS/CM)		0.434		0.085		0.14		0.620			
SULFIDE (MG/L)		0		0.06		0		0.02	0.01		
TEMPERATURE (C)		11.74		8.8		12.2		11.9			
TURBIDITY (NTU)		4.2		10.2		7		1			
WATER LEVEL (FT)											

SWMU 03 – AMMUNITION BURING GROUND

2000 GROUND WATER MONITORING DATA

SWMU 03 - Am[illegible]n Burning Ground
NSWC Crane
Summary of 2000 Groundwater Data

LOCATION	03B02	03B02	03B02	03B02	03B02	03B02	03B02	03B02	03B04	03B04	03B04	03B04	03B04	03B04	03B04	03B04
NSAMPLE	AB021A00	AB021A00-F	AB022A00	AB022A00-F	AB023A00	AB023A00-F	AB024A00	AB024A00-F	AB041A00	AB041A00-F	AB042A00	AB042A00-F	AB043A00	AB043A00-F	AB044A00	AB044A00-F
SAMPLE	AB021A00	AB021A00F	AB022A00	AB022A00F	AB023A00	AB023A00F	AB024A00	AB024A00F	AB041A00	AB041A00F	AB042A00	AB042A00F	AB043A00	AB043A00F	AB044A00	AB044A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/28/2000	3/28/2000	6/23/2000	6/23/2000	9/7/2000	9/7/2000	12/5/2000	12/5/2000	3/27/2000	3/27/2000	6/26/2000	6/26/2000	9/8/2000	9/8/2000	12/4/2000	12/4/2000
Volatile Organics (ug/L)																
1,1,1,2-TETRACHLOROETHANE			0.5 U								0.5 U					
1,1,1-TRICHLOROETHANE	0.5 U		0.5 U				0.5 U		0.5 U		0.5 U				0.5 U	
1,1,2,2-TETRACHLOROETHANE			0.5 U								0.5 U					
1,1,2-TRICHLOROETHANE			0.5 U								0.5 U					
1,1-DICHLOROETHANE	0.5 U		0.5 U				0.5 U		0.5 U		0.5 U				0.5 U	
1,1-DICHLOROETHENE	0.5 U		0.5 U				0.5 U		0.5 U		0.5 U				0.5 U	
1,1-DICHLOROPROPENE			0.5 U								0.5 U					
1,2,3-TRICHLOROBENZENE			0.5 U								0.5 U					
1,2,3-TRICHLOROPROPANE			1 U								1 U					
1,2-DIBROMO-3-CHLOROPROPANE			1 U								1 U					
1,2-DIBROMOETHANE			0.5 U								0.5 U					
1,2-DICHLOROETHANE	0.5 U		0.5 U				0.5 U		0.5 U		0.5 U				0.5 U	
1,2-DICHLOROPROPANE			0.5 U								0.5 U					
1,3-DICHLOROPROPANE			0.5 U								0.5 U					
1,4-DIOXANE			100 U								100 U					
2,2-DICHLOROPROPANE			0.5 U								0.5 U					
2-BUTANONE			10 U								10 U					
2-HEXANONE			10 U								10 U					
3-CHLOROPROPENE			10 U								10 U					
4-METHYL-2-PENTANONE			10 U								10 U					
ACETONE			10 U								10 U					
ACETONITRILE			40 U								40 U					
ACROLEIN			10 U								10 U					
ACRYLONITRILE			3 U								3 U					
BENZENE	0.5 U		0.5 U				0.5 U		0.5 U		0.5 U				0.5 U	
BROMOCHLOROMETHANE			0.5 U								0.5 U					
BROMODICHLOROMETHANE			0.5 U								0.5 U					
BROMOFORM			0.5 U								0.5 U					
BROMOMETHANE			1 U								1 U					
CARBON DISULFIDE			0.5 U								0.5 U					
CARBON TETRACHLORIDE	0.3 U		0.3 U				0.3 U		0.3 U		0.3 U				0.3 U	
CHLOROBENZENE			0.5 U								0.5 U					
CHLORODIBROMOMETHANE			0.5 U								0.5 U					
CHLOROETHANE	0.5 U		0.5 U				0.5 U		0.5 U		0.5 U				0.5 U	
CHLOROFORM	0.3 U		0.3 U				0.3 U		0.3 U		0.3 U				0.3 U	
CHLOROMETHANE			0.5 U								0.5 U					
CHLOROPRENE			3 U								3 U					
CIS-1,2-DICHLOROETHENE	0.5 U		0.5 U				0.5 U		0.5 U		0.5 U				0.5 U	
CIS-1,3-DICHLOROPROPENE			0.3 U								0.3 U					
DIBROMOMETHANE			0.5 U								0.5 U					
DICHLORODIFLUOROMETHANE			0.5 U								0.5 U					
ETHYL METHACRYLATE			1 U								1 U					
ETHYLBENZENE	0.5 U		0.5 U				0.5 U		0.5 U		0.5 U				0.5 U	
ISOBUTANOL			40 U								40 U					
M+P-XYLENES	0.5 U															
M-XYLENE			1 U								1 U					
METHACRYLONITRILE			1 U								1 U					
METHYL IODIDE			0.5 U								0.5 U					

LOCATION	03B02	03B02	03B02	03B02	03B02	03B02	03B02	03B02	03B04	03B04	03B04	03B04	03B04	03B04	03B04	03B04
NSAMPLE	AB021A00	AB021A00-F	AB022A00	AB022A00-F	AB023A00	AB023A00-F	AB024A00	AB024A00-F	AB041A00	AB041A00-F	AB042A00	AB042A00-F	AB043A00	AB043A00-F	AB044A00	AB044A00-F
SAMPLE	AB021A00	AB021A00F	AB022A00	AB022A00F	AB023A00	AB023A00F	AB024A00	AB024A00F	AB041A00	AB041A00F	AB042A00	AB042A00F	AB043A00	AB043A00F	AB044A00	AB044A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/28/2000	3/28/2000	6/23/2000	6/23/2000	9/7/2000	9/7/2000	12/5/2000	12/5/2000	3/27/2000	3/27/2000	6/26/2000	6/26/2000	9/8/2000	9/8/2000	12/4/2000	12/4/2000
METHYL METHACRYLATE			2 U								2 U					
METHYLENE CHLORIDE	1 U		3 U				1 U		1 U		3 U				1 U	
O-XYLENE	0.5 U		1 U								1 U					
PROPIONITRILE			40 U								40 U					
STYRENE			0.5 U								0.5 U					
TETRACHLOROETHENE	0.5 U		0.5 U				0.5 U		0.5 U		0.5 U				0.5 U	
TOLUENE	0.5 U		0.5 U				0.5 U		0.5 U		0.5 U				0.5 U	
TOTAL XYLENES							1 U		1 U						1 U	
TRANS-1,2-DICHLOROETHENE	0.5 U		0.5 U				0.5 U		0.5 U		0.5 U				0.5 U	
TRANS-1,3-DICHLOROPROPENE			0.5 U								0.5 U					
TRANS-1,4-DICHLORO-2-BUTENE			10 U								10 U					
TRICHLOROETHENE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
TRICHLOROFLUOROMETHANE			0.5 U								0.5 U					
VINYL ACETATE			0.5 U								0.5 U					
VINYL CHLORIDE	0.5 U		0.5 U				0.5 U		0.5 U		0.5 U				0.5 U	
Semivolatile Organics (ug/L)																
1,2,4,5-TETRACHLOROBENZENE			5 U								5 UJ					
1,2,4-TRICHLOROBENZENE			2 U								2 UJ					
1,2-DICHLOROBENZENE			2 U								2 UJ					
1,3-DICHLOROBENZENE			2 U								2 UJ					
1,4-DICHLOROBENZENE			2 U								2 UJ					
1,4-NAPHTHOQUINONE			5 U								5 UJ					
1,4-PHENYLENEDIAMINE			5 U								5 UJ					
1-NAPHTHYLAMINE			5 U								5 UJ					
2,2'-OXYBIS(1-CHLOROPROPANE)			3 U								3 UJ					
2,3,4,6-TETRACHLOROPHENOL			5 U								5 UJ					
2,4,5-TRICHLOROPHENOL			5 U								5 UJ					
2,4,6-TRICHLOROPHENOL			3 U								3 UJ					
2,4-DICHLOROPHENOL			3 U								3 UJ					
2,4-DIMETHYLPHENOL			5 U								5 UJ					
2,4-DINITROPHENOL			9 U								10 UJ					
2,6-DICHLOROPHENOL			5 U								5 UJ					
2-ACETYLAMINOFLUORENE			5 U								5 UJ					
2-CHLORONAPHTHALENE			2 U								2 UJ					
2-CHLOROPHENOL			3 U								3 UJ					
2-METHYLNAPHTHALENE			2 U								2 UJ					
2-METHYLPHENOL			2 U								2 UJ					
2-NAPHTHYLAMINE			5 U								5 UJ					
2-NITROANILINE			2 U								2 UJ					
2-NITROPHENOL			5 U								5 UJ					
2-PICOLINE			5 U								5 UJ					
3,3'-DICHLOROBENZIDINE			9 U								10 UJ					
3,3'-DIMETHYLBENZIDINE			5 U								5 UJ					
3-NITROANILINE			2 U								2 UJ					
4,6-DINITRO-2-METHYLPHENOL			9 U								10 UJ					
4-AMINOBIPHENYL			5 U								5 UJ					
4-BROMOPHENYL PHENYL ETHER			2 U								2 UJ					
4-CHLORO-3-METHYLPHENOL			2 U								2 UJ					
4-CHLOROANILINE			2 U								2 UJ					

LOCATION	03B02	03B02	03B02	03B02	03B02	03B02	03B02	03B02	03B04	03B04	03B04	03B04	03B04	03B04	03B04	03B04
NSAMPLE	AB021A00	AB021A00-F	AB022A00	AB022A00-F	AB023A00	AB023A00-F	AB024A00	AB024A00-F	AB041A00	AB041A00-F	AB042A00	AB042A00-F	AB043A00	AB043A00-F	AB044A00	AB044A00-F
SAMPLE	AB021A00	AB021A00F	AB022A00	AB022A00F	AB023A00	AB023A00F	AB024A00	AB024A00F	AB041A00	AB041A00F	AB042A00	AB042A00F	AB043A00	AB043A00F	AB044A00	AB044A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/28/2000	3/28/2000	6/23/2000	6/23/2000	9/7/2000	9/7/2000	12/5/2000	12/5/2000	3/27/2000	3/27/2000	6/26/2000	6/26/2000	9/8/2000	9/8/2000	12/4/2000	12/4/2000
4-CHLOROPHENYL PHENYL ETHER			1 U								1 UJ					
4-METHYLPHENOL			4 U								4 UJ					
4-NITROANILINE			2 U								2 UJ					
4-NITROPHENOL			9 U								10 UJ					
4-NITROQUINOLINE-1-OXIDE			5 U								5 UJ					
5-NITRO-O-TOLUIDINE			5 U								5 UJ					
7,12-DIMETHYLBENZ(A)ANTHRACENE			5 U								5 UJ					
A,A-DIMETHYLPHENETHYLAMINE			5 U								5 UJ					
ACENAPHTHENE			0.18999 U								0.18999 U					
ACENAPHTHYLENE			0.18999 U								0.18999 U					
ACETOPHENONE			5 U								5 UJ					
ANILINE			5 U								5 UJ					
ANTHRACENE			0.18999 U								0.18999 U					
BENZO(A)ANTHRACENE			0.18999 U								0.18999 U					
BENZO(A)PYRENE			0.18999 U								0.18999 U					
BENZO(B)FLUORANTHENE			0.18999 U								0.18999 U					
BENZO(G,H,I)PERYLENE			0.18999 U								0.18999 U					
BENZO(K)FLUORANTHENE			0.18999 U								0.18999 U					
BENZYL ALCOHOL			9 U								10 UJ					
BIS(2-CHLOROETHOXY)METHANE			5 U								5 UJ					
BIS(2-CHLOROETHYL)ETHER			1 U								1 UJ					
BIS(2-ETHYLHEXYL)PHTHALATE			2 U								2 UJ					
BUTYL BENZYL PHTHALATE			2 U								2 UJ					
CHLOROBENZILATE			5 U								5 UJ					
CHRYSENE			0.18999 U								0.18999 U					
DI-N-BUTYL PHTHALATE			2 U								2 UJ					
DI-N-OCTYL PHTHALATE			2 U								2 UJ					
DIALLATE			5 U								5 UJ					
DIBENZO(A,H)ANTHRACENE			0.18999 U								0.18999 U					
DIBENZOFURAN			1 U								1 UJ					
DIETHYL PHTHALATE			2 U								2 UJ					
DIMETHOATE			5 U								5 UJ					
DIMETHYL PHTHALATE			2 U								2 UJ					
DIPHENYLAMINE			5 U								5 UJ					
DISULFOTON			5 U								5 UJ					
ETHYL METHANE SULFONATE			5 U								5 UJ					
ETHYL PARATHION			5 U								5 UJ					
FAMPHUR			5 U								5 UJ					
FLUORANTHENE			0.18999 U								0.18999 U					
FLUORENE			0.18999 U								0.18999 U					
HEXACHLOROBENZENE			2 U								2 UJ					
HEXACHLOROBUTADIENE			1 U								1 UJ					
HEXACHLOROCYCLOPENTADIENE			2 U								2 UJ					
HEXACHLOROETHANE			2 U								2 UJ					
HEXACHLOROPROPENE			5 U								5 UJ					
INDENO(1,2,3-CD)PYRENE			0.18999 U								0.18999 U					
ISODRIN			5 U								5 UJ					
ISOPHORONE			1 U								1 UJ					
ISOSAFROLE			5 U								5 UJ					

LOCATION	03B02	03B02	03B02	03B02	03B02	03B02	03B02	03B02	03B04	03B04	03B04	03B04	03B04	03B04	03B04	03B04
NSAMPLE	AB021A00	AB021A00-F	AB022A00	AB022A00-F	AB023A00	AB023A00-F	AB024A00	AB024A00-F	AB041A00	AB041A00-F	AB042A00	AB042A00-F	AB043A00	AB043A00-F	AB044A00	AB044A00-F
SAMPLE	AB021A00	AB021A00F	AB022A00	AB022A00F	AB023A00	AB023A00F	AB024A00	AB024A00F	AB041A00	AB041A00F	AB042A00	AB042A00F	AB043A00	AB043A00F	AB044A00	AB044A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/28/2000	3/28/2000	6/23/2000	6/23/2000	9/7/2000	9/7/2000	12/5/2000	12/5/2000	3/27/2000	3/27/2000	6/26/2000	6/26/2000	9/8/2000	9/8/2000	12/4/2000	12/4/2000
KEPONE			5 U								5 UJ					
METHAPYRILENE			5 U								5 UJ					
METHYL METHANE SULFONATE			5 U								5 UJ					
METHYL PARATHION			5 U								5 UJ					
N-NITROSO-DI-N-BUTYLAMINE			5 U								5 UJ					
N-NITROSO-DI-N-PROPYLAMINE			2 U								2 UJ					
N-NITROSODIETHYLAMINE			5 U								5 UJ					
N-NITROSODIMETHYLAMINE			9 U								10 UJ					
N-NITROSOMETHYLETHYLAMINE			5 U								5 UJ					
N-NITROSOMORPHOLINE			5 U								5 UJ					
N-NITROSOPIPERIDINE			5 U								5 UJ					
N-NITROSOPYRROLIDINE			5 U								5 UJ					
NAPHTHALENE			0.18999 U								0.18999 U					
O,O,O-TRIETHYL PHOSPHOROTHIOAT			5 U								5 UJ					
O-TOLUIDINE			5 U								5 UJ					
P-(DIMETHYLAMINO)AZOBENZENE			5 U								5 UJ					
PENTACHLOROBENZENE			5 U								5 UJ					
PENTACHLOROETHANE			5 U								5 UJ					
PENTACHLORONITROBENZENE			5 U								5 UJ					
PENTACHLOROPHENOL			9 U								10 UJ					
PHENACETIN			5 U								5 UJ					
PHENANTHRENE			0.18999 U								0.18999 U					
PHENOL			5 U								5 UJ					
PHORATE			5 U								5 UJ					
PRONAMIDE			5 U								5 UJ					
PYRENE			0.18999 U								0.18999 U					
PYRIDINE			9 U								10 UJ					
SAFROLE			5 U								5 UJ					
SULFOTEPP			5 U								5 UJ					
THIONAZIN			5 U								5 UJ					
Pesticides/PCBs (ug/L)																
4,4'-DDD			0.09399 U								0.10999 U					
4,4'-DDE			0.09399 U								0.10999 U					
4,4'-DDT			0.09399 U								0.10999 U					
ALDRIN			0.04699 U								0.05299 U					
ALPHA-BHC			0.04699 U								0.05299 U					
AROCLOR-1016			0.93999 U								1.1 U					
AROCLOR-1221			1.9 U								2.1 U					
AROCLOR-1232			0.93999 U								1.1 U					
AROCLOR-1242			0.93999 U								1.1 U					
AROCLOR-1248			0.93999 U								1.1 U					
AROCLOR-1254			0.93999 U								1.1 U					
AROCLOR-1260			0.93999 U								1.1 U					
BETA-BHC			0.04699 U								0.05299 U					
CHLORDANE			0.46999 U								0.52999 U					
DELTA-BHC			0.04699 U								0.05299 U					
DIELDRIN			0.09399 U								0.10999 U					
ENDOSULFAN I			0.04699 U								0.05299 U					
ENDOSULFAN II			0.09399 U								0.10999 U					

LOCATION	03B02	03B02	03B02	03B02	03B02	03B02	03B02	03B02	03B04	03B04	03B04	03B04	03B04	03B04	03B04	03B04
NSAMPLE	AB021A00	AB021A00-F	AB022A00	AB022A00-F	AB023A00	AB023A00-F	AB024A00	AB024A00-F	AB041A00	AB041A00-F	AB042A00	AB042A00-F	AB043A00	AB043A00-F	AB044A00	AB044A00-F
SAMPLE	AB021A00	AB021A00F	AB022A00	AB022A00F	AB023A00	AB023A00F	AB024A00	AB024A00F	AB041A00	AB041A00F	AB042A00	AB042A00F	AB043A00	AB043A00F	AB044A00	AB044A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/28/2000	3/28/2000	6/23/2000	6/23/2000	9/7/2000	9/7/2000	12/5/2000	12/5/2000	3/27/2000	3/27/2000	6/26/2000	6/26/2000	9/8/2000	9/8/2000	12/4/2000	12/4/2000
ENDOSULFAN SULFATE			0.09399 U								0.10999 U					
ENDRIN			0.09399 U								0.10999 U					
ENDRIN ALDEHYDE			0.09399 U								0.10999 U					
GAMMA-BHC (LINDANE)			0.04699 U								0.05299 U					
HEPTACHLOR			0.04699 U								0.05299 U					
HEPTACHLOR EPOXIDE			0.04699 U								0.05299 U					
METHOXYCHLOR			0.46999 U								0.52999 U					
TOXAPHENE			4.7 U								5.3 U					
Explosives (ug/L)																
1,3,5-TRINITROBENZENE	0.6 U		0.79 U		0.21999 U		0.87999 U		0.68 U		1.1 U		0.87999 U		1.4 U	
1,3-DINITROBENZENE	0.6 U		0.79 U		0.21999 U		0.87999 U		0.68 U		1.1 U		0.87999 U		1.4 U	
2,4,6-TRINITROTOLUENE	0.6 U		0.79 U		0.21999 U		0.87999 U		0.68 U		1.1 U		0.87999 U		1.4 U	
2,4-DIAMINO-6-NITROTOLUENE	0.6 U		0.79 U		0.21999 U		0.87999 U		0.68 U		1.1 U		0.87999 U		1.4 U	
2,4-DINITROTOLUENE	0.6 U		0.79 U		0.21999 U		0.87999 U		0.68 U		1.1 U		0.87999 U		1.4 U	
2,6-DIAMINO-4-NITROTOLUENE	0.6 U		0.79 U		0.21999 U		0.87999 U		0.68 U		1.1 U		0.87999 U		1.4 U	
2,6-DINITROTOLUENE	0.6 U		0.79 U		0.21999 U		0.87999 U		0.68 U		1.1 U		0.87999 U		1.4 U	
2-AMINO-4,6-DINITROTOLUENE	0.6 U		0.79 U		0.21999 U		0.87999 U		0.68 U		1.1 U		0.87999 U		1.4 U	
2-NITROTOLUENE	0.6 U		0.79 U		0.21999 U		0.87999 U		0.68 U		1.1 U		0.87999 U		1.4 U	
3,5-DINITROANILINE	0.6 U		0.79 U		0.21999 U		0.87999 U		0.68 U		1.1 U		0.87999 U		1.4 U	
3-NITROTOLUENE	0.6 U		0.79 U		0.21999 U		0.87999 U		0.68 U		1.1 U		0.87999 U		1.4 U	
4,4'-TN-AZOXY	0.6 U		0.79 U		0.21999 U		0.87999 U		0.68 U		1.1 U		0.87999 U		1.4 U	
4-AMINO-2,6-DINITROTOLUENE	0.6 U		0.79 U		0.21999 U		0.87999 U		0.68 U		1.1 U		0.87999 U		1.4 U	
4-NITROTOLUENE	0.6 U		0.79 U		0.21999 U		0.87999 U		0.68 U		1.1 U		0.87999 U		1.4 U	
HMX	0.6 U		0.79 U		0.21999 U		0.87999 U		0.68 U		1.1 U		0.87999 U		1.4 U	
MNX	0.6 U		0.79 U		0.21999 U		0.87999 U		0.68 U		1.1 U		0.87999 U		1.4 U	
NITROBENZENE	0.6 U		0.79 U		0.21999 U		0.87999 U		0.68 U		1.1 U		0.87999 U		1.4 U	
NITROCELLULOSE	1000 U		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U	
NITROGLYCERIN	6 U		7.9 U		2.2 U		8.8 U		6.8 U		11 U		8.8 U		14 U	
PETN	2.9 U		3.9 U		1.1 U		4.4 U		3.3 U		5.6 U		4.4 U		7 U	
PICRAMIC ACID	1 U		1.1 U		1.1 U		0.94999 U		1.1 U		1 U		1.1 U			
PICRIC ACID	1 U		1.1 U		1.1 U		0.94999 U		1.1 U		1 U		1.1 U			
RDX	0.56 U		0.74 U		0.21999 U		0.82999 U		0.62999 U		1.1 U		0.87999 U		1.3 U	
TETRYL	0.6 U		0.79 U		0.21999 U		0.87999 U		0.68 U		1.1 U		0.87999 U		1.4 U	
TNX	0.6 U		0.79 U		0.21999 U		0.87999 U		0.68 U		1.1 U		0.87999 U		1.4 U	
Herbicides (ug/L)																
2,4,5-T			0.20999 U								0.2 U					
2,4,5-TP (SILVEX)			0.20999 U								0.2 U					
2,4-D			0.20999 U								0.2 U					
DINOSEB			0.20999 U								0.2 U					
HEXACHLOROPHENE			0.52999 U								0.50999 U					
Dioxins/Furans (pg/L)																
1,2,3,4,6,7,8,9-OCDD																
1,2,3,4,6,7,8,9-OCDF																
1,2,3,4,6,7,8-HPCDD																
1,2,3,4,6,7,8-HPCDF																
1,2,3,4,7,8,9-HPCDF																
1,2,3,4,7,8-HXCDD																
1,2,3,4,7,8-HXCDF																
1,2,3,6,7,8-HXCDD																

LOCATION	03B02	03B02	03B02	03B02	03B02	03B02	03B02	03B02	03B04	03B04	03B04	03B04	03B04	03B04	03B04	03B04
NSAMPLE	AB021A00	AB021A00-F	AB022A00	AB022A00-F	AB023A00	AB023A00-F	AB024A00	AB024A00-F	AB041A00	AB041A00-F	AB042A00	AB042A00-F	AB043A00	AB043A00-F	AB044A00	AB044A00-F
SAMPLE	AB021A00	AB021A00F	AB022A00	AB022A00F	AB023A00	AB023A00F	AB024A00	AB024A00F	AB041A00	AB041A00F	AB042A00	AB042A00F	AB043A00	AB043A00F	AB044A00	AB044A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/28/2000	3/28/2000	6/23/2000	6/23/2000	9/7/2000	9/7/2000	12/5/2000	12/5/2000	3/27/2000	3/27/2000	6/26/2000	6/26/2000	9/8/2000	9/8/2000	12/4/2000	12/4/2000
1,2,3,6,7,8-HXCDF																
1,2,3,7,8,9-HXCDD																
1,2,3,7,8,9-HXCDF																
1,2,3,7,8-PECDD																
1,2,3,7,8-PECDF																
2,3,4,6,7,8-HXCDF																
2,3,4,7,8-PECDF																
2,3,7,8-TCDD																
2,3,7,8-TCDF																
TOTAL HPCDD																
TOTAL HPCDF																
TOTAL HXCDD																
TOTAL HXCDF																
TOTAL PECDD																
TOTAL PECDF																
TOTAL TCDD																
TOTAL TCDF																
Total Inorganics (ug/L)																
ANTIMONY	1.1 U		1.1 U	1 U	1.1 U		1.1 U		1.1 U		1.1 U	1 U	1.1 U		1.1 U	
ARSENIC	8.4		9.3	10.9	11.3		10		6		6.2	7.2	8.3		8.1	
BARIUM	83.4		92.9	93.1	94.6		97.5		87.8		96.3	98.7	107		104	
BERYLLIUM	1.1 U		1.1 U	1 U	1.1 U		1.1 U		1.1 U		1.1 U	1 U	1.1 U		1.1 U	
CADMIUM	1.1 U		1.1 U	1 U	1.1 U		1.1 U		1.1 U		1.1 U	1 U	1.1 U		1.1 U	
CALCIUM				43000								22600				
CHROMIUM	5.6 U		5.6 U	5 U	5.6 U		5.6 U		5.6 U		5.6 U	5 U	5.6 U		5.6 U	
COBALT	3.3 U		3.3 U	3 U	3.3 U		3.3 U		3.3 U		3.3 U	3 U	3.3 U		3.3 U	
COPPER	2.2 U		2.2 U	2 U	2.2 U		2.2 U		2.2 U		2.2 U	2 U	2.2 U		2.2 U	
IRON	14000		13700		12900		13300		7400		7490		8120		7880	
LEAD	1.1 U		1.1 U	1 U	1.1 U		1.1 U		1.1 U		1.1 U	1 U	1.1 U		1.1 U	
MAGNESIUM				6270								3730				
MANGANESE	1350		1390	1430	1370		1280		1710		1760	1760	1950		1570	
MERCURY	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U		0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	
NICKEL	11.1 U		11.1 U	10 U	11.1 U		11.1 U		11.1 U		11.1 U	10 U	11.1 U		11.1 U	
POTASSIUM				1010								1000 U				
SELENIUM	1.1 U		1.1 U	1 U	1.1 U		1.1 U		1.1		1.1 U	1 U	1.1 U		1.1 U	
SILVER	3.3 U		3.3 U	3 U	3.3 U		3.3 U		3.3 U		3.3 U	3 U	3.3 U		3.3 U	
SODIUM				8200								5980				
THALLIUM	1.1 U		1.1 U	1 U	1.1 U		1.1 U		1.1 U		1.1 U	1 U	1.1 U		1.1 U	
TIN	11.1 U		11.1 U	10 U	11.1 U		11.1 U		11.1 U		11.1 U	10 U	11.1 U		11.1 U	
VANADIUM	2.2 U		2.2 U	2 U	2.2 U		2.2 U		2.2 U		2.2 U	2 U	2.2 U		2.2 U	
ZINC	49.7		14.3	51.1	11.1 U		11.1 U		15.1		11.1 U	10 U	11.1 U		11.1 U	
Dissolved Inorganics (ug/L)																
ANTIMONY		1.1 U		1 U		1 U		1 U		1.1 U		1 U		1 U		1 U
ARSENIC		7.6		10.9		12.3		9.7		4.9		7.2		7.9		7.5
BARIUM		79.3		93.1		88.2		88.7		86.8		98.7		96.4		97
BERYLLIUM		1.1 U		1 U		1 U		1 U		1.1 U		1 U		1 U		1 U
CADMIUM		1.1 U		1 U		1 U		1 U		1.1 U		1 U		1 U		1 U
CALCIUM		40200		43000		36500				22900		22600		18100		
CHROMIUM		5.6 U		5 U		5 U		5 U		5.6 U		5 U		5 U		5 U

LOCATION	03B02	03B02	03B02	03B02	03B02	03B02	03B02	03B02	03B04	03B04	03B04	03B04	03B04	03B04	03B04	03B04
NSAMPLE	AB021A00	AB021A00-F	AB022A00	AB022A00-F	AB023A00	AB023A00-F	AB024A00	AB024A00-F	AB041A00	AB041A00-F	AB042A00	AB042A00-F	AB043A00	AB043A00-F	AB044A00	AB044A00-F
SAMPLE	AB021A00	AB021A00F	AB022A00	AB022A00F	AB023A00	AB023A00F	AB024A00	AB024A00F	AB041A00	AB041A00F	AB042A00	AB042A00F	AB043A00	AB043A00F	AB044A00	AB044A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/28/2000	3/28/2000	6/23/2000	6/23/2000	9/7/2000	9/7/2000	12/5/2000	12/5/2000	3/27/2000	3/27/2000	6/26/2000	6/26/2000	9/8/2000	9/8/2000	12/4/2000	12/4/2000
COBALT		3.3 U		3 U		3 U		3 U		3.3 U		3 U		3 U		3 U
COPPER		2.2 U		2 U		2 U		2 U		2.2 U		2 U		2 U		2 U
IRON																
LEAD		1.1 U		1 U		1 U		1 U		1.1 U		1 U		1 U		1 U
MAGNESIUM		5670		6270		5580				3720		3730		3320		
MANGANESE		1300		1430		1250		1120		1780		1760		1650		1370
MERCURY		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U
NICKEL		11.1 U		10 U		10 U		10 U		11.1 U		10 U		10 U		10 U
POTASSIUM		1110 U		1010		1080				1110 U		1000 U		1000 U		
SELENIUM		1.1 U		1 U		1 U		1 U		1.1 U		1 U		1 U		1 U
SILVER		3.3 U		3 U		3 U		3 U		3.3 U		3 U		3 U		3 U
SODIUM		8040		8200		8020				5790		5980		5790		
THALLIUM		1.1 U		1 U		1 U		1 U		1.1 U		1 U		1 U		1 U
TIN		11.1 U		10 U		10 U		10 U		11.1 U		10 U		10 U		10 U
VANADIUM		2.2 U		2 U		2 U		2 U		2.2 U		2 U		2 U		2 U
ZINC		11.1 U		51.1		10 U		10 U		27.2		10 U		10 U		10 U
Miscellaneous Parameters																
CHLORIDE (MG/L)	3.4						3		1.6						1	
CYANIDE (MG/L)	0.01 U						0.01999 U		0.1 U						0.01999 UJ	
ETHANE (NG/L)			64								17					
ETHENE (NG/L)			14								12					
METHANE (NG/L)																
METHANE (UG/L)			8.4								9.653					
PHOSPHORUS (ELEMENTAL) (MG/L)	0.1 U						0.03999 U		0.1 U						0.02999	
SULFATE (MG/L)	28						25		19						17	
SULFIDE (MG/L)	1 U						1 U		1 U						1 U	
TOTAL ORGANIC CARBON (MG/L)	1 U						1.6		1 U						1.5	
TOTAL ORGANIC HALIDES (MG/L)	0.01999 U						0.05 U		0.01999 U						0.05 U	
Dissolved Miscellaneous Parameters																
PHOSPHORUS (ELEMENTAL) (MG/L)		0.1 U		0.1 U				0.01999 U		0.1 U		0.1 U				0.02999

LOCATION	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C03	03C03
NSAMPLE	AC02P21A00	AC02P21A00-F	AC02P22A00	AC02P22A00-F	AC02P23A00	AC02P23A00-F	AC02P24A00	AC02P24A00-F	AC031A00	AC031A00-F	AC032A00	AC032A00-F	AC033A00	AC033A00-F
SAMPLE	AC02P21A00	ACO2P21A00F	AC02P22A00	AC02P22A00F	AC02P23A00	AC02P23A00F	AC02P24A00	AC02P24A00F	AC031A00	AC031A00F	AC032A00	AC032A00F	AC033A00	AC033A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/6/2000	3/6/2000	6/8/2000	6/8/2000	9/18/2000	9/18/2000	11/30/2000	11/30/2000	4/1/2000	4/1/2000	6/19/2000	6/19/2000	9/12/2000	9/12/2000
Volatile Organics (ug/L)														
1,1,1,2-TETRACHLOROETHANE			0.5 U								0.5 U			
1,1,1-TRICHLOROETHANE			0.5 U						0.5 U		0.5 U			
1,1,2,2-TETRACHLOROETHANE			0.5 U								0.5 U			
1,1,2-TRICHLOROETHANE			0.5 U								0.5 U			
1,1-DICHLOROETHANE			0.5 U						0.5 U		0.5 U			
1,1-DICHLOROETHENE	0.5 U		0.5 U				0.5 U		0.5 U		0.5 U			
1,1-DICHLOROPROPENE			0.5 U								0.5 U			
1,2,3-TRICHLOROBENZENE			0.5 U								0.5 U			
1,2,3-TRICHLOROPROPANE			1 U								1 U			
1,2-DIBROMO-3-CHLOROPROPANE			1 U								1 U			
1,2-DIBROMOETHANE			0.5 U								0.5 U			
1,2-DICHLOROETHANE			0.5 U						0.5 U		0.5 U			
1,2-DICHLOROPROPANE			0.5 U								0.5 U			
1,3-DICHLOROPROPANE			0.5 U								0.5 U			
1,4-DIOXANE			100 U								100 U			
2,2-DICHLOROPROPANE			0.5 U								0.5 U			
2-BUTANONE			10 U								10 U			
2-HEXANONE			10 U								10 U			
3-CHLOROPROPENE			10 U								10 U			
4-METHYL-2-PENTANONE			10 U								10 U			
ACETONE			10 U								10 U			
ACETONITRILE			40 U								40 U			
ACROLEIN			10 U								10 U			
ACRYLONITRILE			3 U								3 U			
BENZENE			0.5 U						0.5 U		0.5 U			
BROMOCHLOROMETHANE			0.5 U								0.5 U			
BROMODICHLOROMETHANE			0.5 U								0.5 U			
BROMOFORM			0.5 U								0.5 U			
BROMOMETHANE			1 U								1 U			
CARBON DISULFIDE			0.5 U								0.5 U			
CARBON TETRACHLORIDE			0.3 U						0.3 U		0.3 U			
CHLOROBENZENE			0.5 U								0.5 U			
CHLORODIBROMOMETHANE			0.5 U								0.5 U			
CHLOROETHANE			0.5 U						0.5 U		0.5 U			
CHLOROFORM			0.3 U						0.3 U		0.3 U			
CHLOROMETHANE			0.5 U								0.5 U			
CHLOROPRENE			3 U								3 U			
CIS-1,2-DICHLOROETHENE	0.5		0.5 U				0.5 U		0.5 U		0.5 U			
CIS-1,3-DICHLOROPROPENE			0.3 U								0.3 U			
DIBROMOMETHANE			0.5 U								0.5 U			
DICHLORODIFLUOROMETHANE			0.5 U								0.5 U			
ETHYL METHACRYLATE			1 U								1 U			
ETHYLBENZENE			0.5 U						0.5 U		0.5 U			
ISOBUTANOL			40 U								40 U			
M+P-XYLENES									0.5 U					
M-XYLENE			1 U								1 U			
METHACRYLONITRILE			1 U								1 U			
METHYL IODIDE			0.5 U								0.5 U			

LOCATION	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C03	03C03
NSAMPLE	AC02P21A00	AC02P21A00-F	AC02P22A00	AC02P22A00-F	AC02P23A00	AC02P23A00-F	AC02P24A00	AC02P24A00-F	AC031A00	AC031A00-F	AC032A00	AC032A00-F	AC033A00	AC033A00-F
SAMPLE	AC02P21A00	ACO2P21A00F	AC02P22A00	AC02P22A00F	AC02P23A00	AC02P23A00F	AC02P24A00	AC02P24A00F	AC031A00	AC031A00F	AC032A00	AC032A00F	AC033A00	AC033A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/6/2000	3/6/2000	6/8/2000	6/8/2000	9/18/2000	9/18/2000	11/30/2000	11/30/2000	4/1/2000	4/1/2000	6/19/2000	6/19/2000	9/12/2000	9/12/2000
METHYL METHACRYLATE			2 U								2 U			
METHYLENE CHLORIDE			3 U						1 U		3 U			
O-XYLENE			1 U						0.5 U		1 U			
PROPIONITRILE			40 U								40 U			
STYRENE			0.5 U								0.5 U			
TETRACHLOROETHENE			0.5 U						0.5 U		0.5 U			
TOLUENE			0.5 U						0.5 U		0.5 U			
TOTAL XYLENES														
TRANS-1,2-DICHLOROETHENE	0.5 U		0.5 U				0.5 U		0.5 U		0.5 U			
TRANS-1,3-DICHLOROPROPENE			0.5 U								0.5 U			
TRANS-1,4-DICHLORO-2-BUTENE			10 U								10 U			
TRICHLOROETHENE	12		9.2		11		2.9		0.5 U		0.5 U		0.5 U	
TRICHLOROFLUOROMETHANE			0.5 U								0.5 U			
VINYL ACETATE			0.5 U								0.5 U			
VINYL CHLORIDE	0.5 U		0.5 U				0.5 U		0.5 U		0.5 U			
Semivolatile Organics (ug/L)														
1,2,4,5-TETRACHLOROBENZENE			5 U								5 U			
1,2,4-TRICHLOROBENZENE			2 U								2 U			
1,2-DICHLOROBENZENE			2 U								2 U			
1,3-DICHLOROBENZENE			2 U								2 U			
1,4-DICHLOROBENZENE			2 U								2 U			
1,4-NAPHTHOQUINONE			5 U								5 U			
1,4-PHENYLENEDIAMINE			5 U								5 U			
1-NAPHTHYLAMINE			5 U								5 U			
2,2'-OXYBIS(1-CHLOROPROPANE)			3 U								3 U			
2,3,4,6-TETRACHLOROPHENOL			5 U								5 U			
2,4,5-TRICHLOROPHENOL			5 U								5 U			
2,4,6-TRICHLOROPHENOL			3 U								3 U			
2,4-DICHLOROPHENOL			3 U								3 U			
2,4-DIMETHYLPHENOL			5 U								5 U			
2,4-DINITROPHENOL			9 U								11 U			
2,6-DICHLOROPHENOL			5 U								5 U			
2-ACETYLAMINOFLUORENE			5 U								5 U			
2-CHLORONAPHTHALENE			2 U								2 U			
2-CHLOROPHENOL			3 U								3 U			
2-METHYLNAPHTHALENE			2 U								2 U			
2-METHYLPHENOL			2 U								2 U			
2-NAPHTHYLAMINE			5 U								5 U			
2-NITROANILINE			2 U								2 U			
2-NITROPHENOL			5 U								5 U			
2-PICOLINE			5 U								5 U			
3,3'-DICHLOROBENZIDINE			9 U								11 U			
3,3'-DIMETHYLBENZIDINE			5 U								5 U			
3-NITROANILINE			2 U								2 U			
4,6-DINITRO-2-METHYLPHENOL			9 U								11 U			
4-AMINOBIPHENYL			5 U								5 U			
4-BROMOPHENYL PHENYL ETHER			2 U								2 U			
4-CHLORO-3-METHYLPHENOL			2 U								2 U			
4-CHLOROANILINE			2 U								2 U			

LOCATION	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C03	03C03
NSAMPLE	AC02P21A00	AC02P21A00-F	AC02P22A00	AC02P22A00-F	AC02P23A00	AC02P23A00-F	AC02P24A00	AC02P24A00-F	AC031A00	AC031A00-F	AC032A00	AC032A00-F	AC033A00	AC033A00-F
SAMPLE	AC02P21A00	ACO2P21A00F	AC02P22A00	AC02P22A00F	AC02P23A00	AC02P23A00F	AC02P24A00	AC02P24A00F	AC031A00	AC031A00F	AC032A00	AC032A00F	AC033A00	AC033A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/6/2000	3/6/2000	6/8/2000	6/8/2000	9/18/2000	9/18/2000	11/30/2000	11/30/2000	4/1/2000	4/1/2000	6/19/2000	6/19/2000	9/12/2000	9/12/2000
4-CHLOROPHENYL PHENYL ETHER			1 U								1 U			
4-METHYLPHENOL			4 U								4 U			
4-NITROANILINE			2 U								2 U			
4-NITROPHENOL			9 U								11 U			
4-NITROQUINOLINE-1-OXIDE			5 U								5 U			
5-NITRO-O-TOLUIDINE			5 U								5 U			
7,12-DIMETHYLBENZ(A)ANTHRACENE			5 U								5 U			
A,A-DIMETHYLPHENETHYLAMINE			5 U								5 U			
ACENAPHTHENE			0.2 U								0.20999 U			
ACENAPHTHYLENE			0.2 U								0.20999 U			
ACETOPHENONE			5 U								5 U			
ANILINE			5 U								5 U			
ANTHRACENE			0.2 U								0.20999 U			
BENZO(A)ANTHRACENE			0.2 U								0.20999 U			
BENZO(A)PYRENE			0.2 U								0.20999 U			
BENZO(B)FLUORANTHENE			0.2 U								0.20999 U			
BENZO(G,H,I)PERYLENE			0.2 U								0.20999 U			
BENZO(K)FLUORANTHENE			0.2 U								0.20999 U			
BENZYL ALCOHOL			9 U								11 U			
BIS(2-CHLOROETHOXY)METHANE			5 U								5 U			
BIS(2-CHLOROETHYL)ETHER			1 U								1 U			
BIS(2-ETHYLHEXYL)PHTHALATE			2 U								2 U			
BUTYL BENZYL PHTHALATE			2 U								2 U			
CHLOROBENZILATE			5 U								5 U			
CHRYSENE			0.2 U								0.20999 U			
DI-N-BUTYL PHTHALATE			2 U								2 U			
DI-N-OCTYL PHTHALATE			2 U								2 U			
DIALLATE			5 U								5 U			
DIBENZO(A,H)ANTHRACENE			0.2 U								0.20999 U			
DIBENZOFURAN			1 U								1 U			
DIETHYL PHTHALATE			2 U								2 U			
DIMETHOATE			5 U								5 U			
DIMETHYL PHTHALATE			2 U								2 U			
DIPHENYLAMINE			5 U								5 U			
DISULFOTON			5 U								5 U			
ETHYL METHANE SULFONATE			5 U								5 U			
ETHYL PARATHION			5 U								5 U			
FAMPHUR			5 U								5 U			
FLUORANTHENE			0.2 U								0.20999 U			
FLUORENE			0.2 U								0.20999 U			
HEXACHLOROBENZENE			2 U								2 U			
HEXACHLOROBUTADIENE			1 U								1 U			
HEXACHLOROCYCLOPENTADIENE			2 U								2 U			
HEXACHLOROETHANE			2 U								2 U			
HEXACHLOROPROPENE			5 U								5 U			
INDENO(1,2,3-CD)PYRENE			0.2 U								0.20999 U			
ISODRIN			5 U								5 U			
ISOPHORONE			1 U								1 U			
ISOSAFROLE			5 U								5 U			

LOCATION	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C03	03C03
NSAMPLE	AC02P21A00	AC02P21A00-F	AC02P22A00	AC02P22A00-F	AC02P23A00	AC02P23A00-F	AC02P24A00	AC02P24A00-F	AC031A00	AC031A00-F	AC032A00	AC032A00-F	AC033A00	AC033A00-F
SAMPLE	AC02P21A00	AC02P21A00F	AC02P22A00	AC02P22A00F	AC02P23A00	AC02P23A00F	AC02P24A00	AC02P24A00F	AC031A00	AC031A00F	AC032A00	AC032A00F	AC033A00	AC033A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/6/2000	3/6/2000	6/8/2000	6/8/2000	9/18/2000	9/18/2000	11/30/2000	11/30/2000	4/1/2000	4/1/2000	6/19/2000	6/19/2000	9/12/2000	9/12/2000
KEPONE			5 U								5 U			
METHAPYRILENE			5 U								5 U			
METHYL METHANE SULFONATE			5 U								5 U			
METHYL PARATHION			5 U								5 U			
N-NITROSO-DI-N-BUTYLAMINE			5 U								5 U			
N-NITROSO-DI-N-PROPYLAMINE			2 U								2 U			
N-NITROSODIETHYLAMINE			5 U								5 U			
N-NITROSODIMETHYLAMINE			9 U								11 U			
N-NITROSOMETHYLETHYLAMINE			5 U								5 U			
N-NITROSOMORPHOLINE			5 U								5 U			
N-NITROSOPIPERIDINE			5 U								5 U			
N-NITROSOPYRROLIDINE			5 U								5 U			
NAPHTHALENE			0.2 U								0.20999 U			
O,O,O-TRIETHYL PHOSPHOROTHIOAT			5 U								5 U			
O-TOLUIDINE			5 U								5 U			
P-(DIMETHYLAMINO)AZOBENZENE			5 U								5 U			
PENTACHLOROBENZENE			5 U								5 U			
PENTACHLOROETHANE			5 U								5 U			
PENTACHLORONITROBENZENE			5 U								5 U			
PENTACHLOROPHENOL			9 U								11 U			
PHENACETIN			5 U								5 U			
PHENANTHRENE			0.2 U								0.20999 U			
PHENOL			5 U								5 U			
PHORATE			5 U								5 U			
PRONAMIDE			5 U								5 U			
PYRENE			0.2 U								0.20999 U			
PYRIDINE			9 U								11 U			
SAFROLE			5 U								5 U			
SULFOTEPP			5 U								5 U			
THIONAZIN			5 U								5 U			
Pesticides/PCBs (ug/L)														
4,4'-DDD			0.1 U								0.10999 U			
4,4'-DDE			0.1 U								0.10999 U			
4,4'-DDT			0.1 U								0.10999 U			
ALDRIN			0.05099 U								0.056 U			
ALPHA-BHC			0.05099 U								0.056 U			
AROCLOR-1016			1 U								1.1 U			
AROCLOR-1221			2 U								2.2 U			
AROCLOR-1232			1 U								1.1 U			
AROCLOR-1242			1 U								1.1 U			
AROCLOR-1248			1 U								1.1 U			
AROCLOR-1254			1 U								1.1 U			
AROCLOR-1260			1 U								1.1 U			
BETA-BHC			0.05099 U								0.056 U			
CHLORDANE			0.50999 U								0.56 U			
DELTA-BHC			0.05099 U								0.056 U			
DIELDRIN			0.1 U								0.10999 U			
ENDOSULFAN I			0.05099 U								0.056 U			
ENDOSULFAN II			0.1 U								0.10999 U			

LOCATION	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C03	03C03
NSAMPLE	AC02P21A00	AC02P21A00-F	AC02P22A00	AC02P22A00-F	AC02P23A00	AC02P23A00-F	AC02P24A00	AC02P24A00-F	AC031A00	AC031A00-F	AC032A00	AC032A00-F	AC033A00	AC033A00-F
SAMPLE	AC02P21A00	AC02P21A00F	AC02P22A00	AC02P22A00F	AC02P23A00	AC02P23A00F	AC02P24A00	AC02P24A00F	AC031A00	AC031A00F	AC032A00	AC032A00F	AC033A00	AC033A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/6/2000	3/6/2000	6/8/2000	6/8/2000	9/18/2000	9/18/2000	11/30/2000	11/30/2000	4/1/2000	4/1/2000	6/19/2000	6/19/2000	9/12/2000	9/12/2000
ENDOSULFAN SULFATE			0.1 U								0.10999 U			
ENDRIN			0.1 U								0.10999 U			
ENDRIN ALDEHYDE			0.1 U								0.10999 U			
GAMMA-BHC (LINDANE)			0.05099 U								0.056 U			
HEPTACHLOR			0.05099 U								0.056 U			
HEPTACHLOR EPOXIDE			0.05099 U								0.056 U			
METHOXYCHLOR			0.50999 U								0.56 U			
TOXAPHENE			5.1 U								5.6 U			
Explosives (ug/L)														
1,3,5-TRINITROBENZENE	0.41999 U		1.1 U		0.51999 U		0.83999 U		1.2 U		1.1 U		0.68 U	
1,3-DINITROBENZENE	0.41999 U		1.1 U		0.51999 U		0.83999 U		1.2 U		1.1 U		0.68 U	
2,4,6-TRINITROTOLUENE	0.41999 U		1.1 U		0.51999 U		0.83999 U		1.2 U		1.1 U		0.68 U	
2,4-DIAMINO-6-NITROTOLUENE							0.83999 U		1.2 U		1.1 U		0.68 U	
2,4-DINITROTOLUENE	0.41999 U		1.1 U		0.51999 U		0.83999 U		1.2 U		1.1 U		0.68 U	
2,6-DIAMINO-4-NITROTOLUENE							0.83999 U		1.2 U		1.1 U		0.68 U	
2,6-DINITROTOLUENE	0.41999 U		1.1 U		0.51999 U		0.83999 U		1.2 U		1.1 U		0.68 U	
2-AMINO-4,6-DINITROTOLUENE	0.41999 U		1.1 U		0.51999 U		0.83999 U		1.2 U		1.1 U		0.68 U	
2-NITROTOLUENE	0.41999 U		1.1 U		0.51999 U		0.83999 U		1.2 U		1.1 U		0.68 U	
3,5-DINITROANILINE							0.83999 U		1.2 U		1.1 U		0.68 U	
3-NITROTOLUENE	0.41999 U		1.1 U		0.51999 U		0.83999 U		1.2 U		1.1 U		0.68 U	
4,4'-TN-AZOXY							0.83999 U		1.2 U		1.1 U		0.68 U	
4-AMINO-2,6-DINITROTOLUENE	0.41999 U		1.1 U		0.51999 U		0.83999 U		1.2 U		1.1 U		0.68 U	
4-NITROTOLUENE	0.41999 U		1.1 U		0.51999 U		0.83999 U		1.2 U		1.1 U		0.68 U	
HMX	26 J		30		27		4.5		1.2 U		1.1 U		0.68 U	
MNX							0.83999 U		1.2 U		1.1 U		0.68 U	
NITROBENZENE	0.41999 U		1.1 U		0.51999 U		0.83999 U		1.2 U		1.1 U		0.68 U	
NITROCELLULOSE	1000 U		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U	
NITROGLYCERIN	4.2 U		11 U		5.2 U		8.4 U		12 U		11 U		6.8 U	
PETN	2 U		5.4 U		2.6 U		4.2 U		6 U		5.2 U		3.3 U	
PICRAMIC ACID									0.97 U		1 U		0.94999 U	
PICRIC ACID									0.97 U		1 U		0.94999 U	
RDX	12 J		17		12		0.79 U		1.1 U		1 U		0.68 U	
TETRYL	0.41999 U		1.1 U		0.51999 U		0.83999 U		1.2 U		1.1 U		0.68 U	
TNX							0.83999 U		1.2 U		1.1 U		0.68 U	
Herbicides (ug/L)														
2,4,5-T			0.20999 U								0.18999 U			
2,4,5-TP (SILVEX)			0.20999 U								0.18999 U			
2,4-D			0.20999 U								0.18999 U			
DINOSEB			0.20999 U								0.18999 U			
HEXACHLOROPHENE			0.51999 U								0.46999 U			
Dioxins/Furans (pg/L)														
1,2,3,4,6,7,8,9-OCDD			17.4 U								19 U			
1,2,3,4,6,7,8,9-OCDF			14 U								15.3 U			
1,2,3,4,6,7,8-HPCDD			10.2 U								12.2 U			
1,2,3,4,6,7,8-HPCDF			7 U								8 U			
1,2,3,4,7,8,9-HPCDF			8.3 U								9.5 U			
1,2,3,4,7,8-HXCDD			7 U								8.7 U			
1,2,3,4,7,8-HXCDF			5.2 U								6.3 U			
1,2,3,6,7,8-HXCDD			6.2 U								7.7 U			

LOCATION	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C03	03C03
NSAMPLE	AC02P21A00	AC02P21A00-F	AC02P22A00	AC02P22A00-F	AC02P23A00	AC02P23A00-F	AC02P24A00	AC02P24A00-F	AC031A00	AC031A00-F	AC032A00	AC032A00-F	AC033A00	AC033A00-F
SAMPLE	AC02P21A00	AC02P21A00F	AC02P22A00	AC02P22A00F	AC02P23A00	AC02P23A00F	AC02P24A00	AC02P24A00F	AC031A00	AC031A00F	AC032A00	AC032A00F	AC033A00	AC033A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/6/2000	3/6/2000	6/8/2000	6/8/2000	9/18/2000	9/18/2000	11/30/2000	11/30/2000	4/1/2000	4/1/2000	6/19/2000	6/19/2000	9/12/2000	9/12/2000
1,2,3,6,7,8-HXCDF			4.5 U								5.5 U			
1,2,3,7,8,9-HXCDD			6.5 U								8 U			
1,2,3,7,8,9-HXCDF			5.9 U								7.1 U			
1,2,3,7,8-PECDD			5.4 U								6.7 U			
1,2,3,7,8-PECDF			3.1 U								3.6 U			
2,3,4,6,7,8-HXCDF			5.4 U								6.5 U			
2,3,4,7,8-PECDF			3.6 U								4.2 U			
2,3,7,8-TCDD			3.5 U								4.8 U			
2,3,7,8-TCDF			2.9 U								4.1 U			
TOTAL HPCDD			10.2 U								12.2 U			
TOTAL HPCDF			7.6 U								8.7 U			
TOTAL HXCDD			6.5 U								8.1 U			
TOTAL HXCDF			5.2 U								6.3 U			
TOTAL PECDD			5.4 U								6.7 U			
TOTAL PECDF			3.3 U								3.9 U			
TOTAL TCDD			3.5 U								4.8 U			
TOTAL TCDF			2.9 U								4.1 U			
Total Inorganics (ug/L)														
ANTIMONY	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1 U	1.1 U	
ARSENIC	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1 U	1.1 U	
BARIUM	101		99.8		132		70.3		42.7		44.8	45.4	44.9	
BERYLLIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1 U	1.1 U	
CADMIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1 U	1.1 U	
CALCIUM												1170		
CHROMIUM	5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U	5 U	5.6 U	
COBALT	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U	3 U	3.3 U	
COPPER	2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U	2.4	3.8	
IRON					245		211		111 U		111 U		111 U	
LEAD	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1 U	1.1 U	
MAGNESIUM												1000 U		
MANGANESE	16.7 U		16.7 U		16.7 U		16.7 U		16.7 U		16.7 U	15 U	16.7 U	
MERCURY	0.2 U		0.21999 U		0.2 U		0.2 U		0.2 U		0.2 U	0.2 U	0.2 U	
NICKEL	11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U	10 U	11.1 U	
POTASSIUM												1000 U		
SELENIUM	1.7		2		2.4		1.1 U		1.1 U		1.1 U	1 U	1.1 U	
SILVER	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U	3 U	3.3 U	
SODIUM												218000		
THALLIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1 U	1.1 U	
TIN	11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U	10 U	11.1 U	
VANADIUM	2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U	2 U	2.2 U	
ZINC	11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U	10 U	11.1 U	
Dissolved Inorganics (ug/L)														
ANTIMONY		1.1 U		1 U		1 U		1 U		1.1 U		1 U		1 U
ARSENIC		1.1 U		1 U		1 U		1 U		1.1 U		1 U		1 U
BARIUM		95.3		108		123		68.1		42.9		45.4		39.9
BERYLLIUM		1.1 U		1 U		1 U		1 U		1.1 U		1 U		1 U
CADMIUM		1.1 U		1 U		1 U		1 U		1.1 U		1 U		1 U
CALCIUM		82000		96500		76200				1140		1170		1060
CHROMIUM		5.6 U		5 U		7		5 U		5.6 U		5 U		6.1

LOCATION	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C03	03C03
NSAMPLE	AC02P21A00	AC02P21A00-F	AC02P22A00	AC02P22A00-F	AC02P23A00	AC02P23A00-F	AC02P24A00	AC02P24A00-F	AC031A00	AC031A00-F	AC032A00	AC032A00-F	AC033A00	AC033A00-F
SAMPLE	AC02P21A00	ACO2P21A00F	AC02P22A00	AC02P22A00F	AC02P23A00	AC02P23A00F	AC02P24A00	AC02P24A00F	AC031A00	AC031A00F	AC032A00	AC032A00F	AC033A00	AC033A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/6/2000	3/6/2000	6/8/2000	6/8/2000	9/18/2000	9/18/2000	11/30/2000	11/30/2000	4/1/2000	4/1/2000	6/19/2000	6/19/2000	9/12/2000	9/12/2000
COBALT		3.3 U		3 U		3 U		3 U		3.3 U		3 U		3 U
COPPER		2.2 U		2 U		2 U		2 U		2.7		2.4		3.4
IRON										111 U				
LEAD		1.1 U		1 U		1 U		1 U		1.1 U		1 U		1 U
MAGNESIUM		14000		16800		13700				1110 U		1000 U		1000 U
MANGANESE		16.7 U		15 U		15 U		15 U		16.7 U		15 U		15 U
MERCURY		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U
NICKEL		11.1 U		10 U		10 U		10 U		11.1 U		10 U		10 U
POTASSIUM		2950		3330		3660				1110 U		1000 U		1030
SELENIUM		1.4		1.4		1.6		1 U		1.1 U		1 U		1 U
SILVER		3.3 U		3 U		3 U		3 U		3.3 U		3 U		3 U
SODIUM		29200		34500		34900 J				214000		218000		221000 J
THALLIUM		1.1 U		1 U		1 U		1 U		1.1 U		1 U		1 U
TIN		11.1 U		10 U		10 U		10 U		11.1 U		10 U		10 U
VANADIUM		2.2 U		2 U		2 U		2 U		2.2 U		2 U		2 U
ZINC		11.1 U		10 U		10 U		10 U		103		10 U		10 U
Miscellaneous Parameters														
CHLORIDE (MG/L)	67		80				22		1.4					
CYANIDE (MG/L)	0.01 U		0.00499 U				0.01999 UJ		0.01 U					
ETHANE (NG/L)											5 U			
ETHENE (NG/L)											5 U			
METHANE (NG/L)														
METHANE (UG/L)											22.34			
PHOSPHORUS (ELEMENTAL) (MG/L)	0.10999		0.03999				0.05999		0.1 U					
SULFATE (MG/L)	60		65				35		84					
SULFIDE (MG/L)			1 U						1 U					
TOTAL ORGANIC CARBON (MG/L)	1 U		1 U				1.1		1 U					
TOTAL ORGANIC HALIDES (MG/L)	0.01999 U		0.01999 U				0.05 U		0.01999 U					
Dissolved Miscellaneous Parameters														
PHOSPHORUS (ELEMENTAL) (MG/L)		0.15999		0.05				0.01999 U		0.1 U		0.1 U		

LOCATION	03C03	03C03	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C07	03C07	03C07	03C07	03C07	03C07
NSAMPLE	AC034A00	AC034A00-F	AC041A00	AC041A00-F	AC042A00	AC042A00-F	AC043A00	AC043A00-F	AC044A00	AC044A00-F	AC071A00	AC071A00-F	AC072A00	AC072A00-F	AC073A00	AC073A00-F
SAMPLE	AC034A00	AC034A00F	AC041A00	AC041A00F	AC042A00	AC042A00F	AC043A00	AC043A00F	AC044A00	AC044A00F	AC071A00	AC071A00F	AC072A00	AC072A00F	AC073A00	AC073A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/1/2000	12/1/2000	3/14/2000	3/14/2000	6/27/2000	6/26/2000	9/13/2000	9/13/2000	12/5/2000	12/5/2000	3/14/2000	3/14/2000	6/15/2000	6/15/2000	9/8/2000	9/8/2000
Volatile Organics (ug/L)																
1,1,1,2-TETRACHLOROETHANE					0.5 U								0.5 U			
1,1,1-TRICHLOROETHANE			0.5 U		0.5 U				0.5 U		0.5 U		0.5 U			
1,1,2,2-TETRACHLOROETHANE					0.5 U								0.5 U			
1,1,2-TRICHLOROETHANE					0.5 U								0.5 U			
1,1-DICHLOROETHANE			0.5 U		0.5 U				0.5 U		0.5 U		0.5 U			
1,1-DICHLOROETHENE			0.5 U		0.5 U				0.5 U		0.5 U		0.5 U			
1,1-DICHLOROPROPENE					0.5 U								0.5 U			
1,2,3-TRICHLOROBENZENE					0.5 U								0.5 U			
1,2,3-TRICHLOROPROPANE					1 U								1 U			
1,2-DIBROMO-3-CHLOROPROPANE					1 U								1 U			
1,2-DIBROMOETHANE					0.5 U								0.5 U			
1,2-DICHLOROETHANE			0.5 U		0.5 U				0.5 U		0.5 U		0.5 U			
1,2-DICHLOROPROPANE					0.5 U								0.5 U			
1,3-DICHLOROPROPANE					0.5 U								0.5 U			
1,4-DIOXANE					100 U								100 U			
2,2-DICHLOROPROPANE					0.5 U								0.5 U			
2-BUTANONE					10 U								10 U			
2-HEXANONE					10 U								10 U			
3-CHLOROPROPENE					10 U								10 U			
4-METHYL-2-PENTANONE					10 U								10 U			
ACETONE					10 U								10 U			
ACETONITRILE					40 U								40 U			
ACROLEIN					10 U								10 U			
ACRYLONITRILE					3 U								3 U			
BENZENE			0.5 U		0.5 U				0.5 U		0.5 U		0.5 U			
BROMOCHLOROMETHANE					0.5 U								0.5 U			
BROMODICHLOROMETHANE					0.5 U								0.5 U			
BROMOFORM					0.5 U								0.5 U			
BROMOMETHANE					1 U								1 U			
CARBON DISULFIDE					0.5 U								0.5 U			
CARBON TETRACHLORIDE			0.3 U		0.3 U				0.3 U		0.3 U		0.3 U			
CHLOROBENZENE					0.5 U								0.5 U			
CHLORODIBROMOMETHANE					0.5 U								0.5 U			
CHLOROETHANE			0.5 U		0.5 U				0.5 U		0.5 U		0.5 U			
CHLOROFORM			0.3 U		0.3 U				0.3 U		0.3 U		0.3 U			
CHLOROMETHANE					0.5 U								0.5 U			
CHLOROPRENE					3 U								3 U			
CIS-1,2-DICHLOROETHENE			0.5 U		0.5 U				0.5 U		0.5 U		0.5 U			
CIS-1,3-DICHLOROPROPENE					0.3 U								0.3 U			
DIBROMOMETHANE					0.5 U								0.5 U			
DICHLORODIFLUOROMETHANE					0.5 U								0.5 U			
ETHYL METHACRYLATE					1 U								1 U			
ETHYLBENZENE			0.5 U		0.5 U				0.5 U		0.5 U		0.5 U			
ISOBUTANOL					40 U								40 U			
M+P-XYLENES																
M-XYLENE					1 U								1 U			
METHACRYLONITRILE					1 U								1 U			
METHYL IODIDE					0.5 U								0.5 U			

LOCATION	03C03	03C03	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C07	03C07	03C07	03C07	03C07	03C07
NSAMPLE	AC034A00	AC034A00-F	AC041A00	AC041A00-F	AC042A00	AC042A00-F	AC043A00	AC043A00-F	AC044A00	AC044A00-F	AC071A00	AC071A00-F	AC072A00	AC072A00-F	AC073A00	AC073A00-F
SAMPLE	AC034A00	AC034A00F	AC041A00	AC041A00F	AC042A00	AC042A00F	AC043A00	AC043A00F	AC044A00	AC044A00F	AC071A00	AC071A00F	AC072A00	AC072A00F	AC073A00	AC073A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/1/2000	12/1/2000	3/14/2000	3/14/2000	6/27/2000	6/26/2000	9/13/2000	9/13/2000	12/5/2000	12/5/2000	3/14/2000	3/14/2000	6/15/2000	6/15/2000	9/8/2000	9/8/2000
METHYL METHACRYLATE					2 U								2 U			
METHYLENE CHLORIDE			1 U		3 U				1 U		0.5 U		3 U			
O-XYLENE					1 U								1 U			
PROPIONITRILE					40 U								40 U			
STYRENE					0.5 U								0.5 U			
TETRACHLOROETHENE			0.5 U		0.5 U				0.5 U		0.5 U		0.5 U			
TOLUENE			0.5 U		0.5 U				0.5 U		0.5 U		0.5 U			
TOTAL XYLENES			1 U						1 U		0.5 U					
TRANS-1,2-DICHLOROETHENE			0.5 U		0.5 U				0.5 U		0.5 U		0.5 U			
TRANS-1,3-DICHLOROPROPENE					0.5 U								0.5 U			
TRANS-1,4-DICHLORO-2-BUTENE					10 U								10 U			
TRICHLOROETHENE			0.5 U		0.5 U		0.5 U		0.5 U		4.5		2.9		4.6	
TRICHLOROFLUOROMETHANE					0.5 U								0.5 U			
VINYL ACETATE					0.5 U								0.5 U			
VINYL CHLORIDE			0.5 U		0.5 U				0.5 U		0.5 U		0.5 U			
Semivolatile Organics (ug/L)																
1,2,4,5-TETRACHLOROBENZENE					5 U								6 U			
1,2,4-TRICHLOROBENZENE					2 U								2 U			
1,2-DICHLOROBENZENE					2 U								2 U			
1,3-DICHLOROBENZENE					2 U								2 U			
1,4-DICHLOROBENZENE					2 U								2 U			
1,4-NAPHTHOQUINONE					5 U								6 U			
1,4-PHENYLENEDIAMINE					5 U								6 U			
1-NAPHTHYLAMINE					5 U								6 U			
2,2'-OXYBIS(1-CHLOROPROPANE)					3 U								3 U			
2,3,4,6-TETRACHLOROPHENOL					5 U								6 U			
2,4,5-TRICHLOROPHENOL					5 U								6 U			
2,4,6-TRICHLOROPHENOL					3 U								3 U			
2,4-DICHLOROPHENOL					3 U								3 U			
2,4-DIMETHYLPHENOL					5 U								6 U			
2,4-DINITROPHENOL					9 U								11 U			
2,6-DICHLOROPHENOL					5 U								6 U			
2-ACETYLAMINOFLUORENE					5 U								6 U			
2-CHLORONAPHTHALENE					2 U								2 U			
2-CHLOROPHENOL					3 U								3 U			
2-METHYLNAPHTHALENE					2 U								2 U			
2-METHYLPHENOL					2 U								2 U			
2-NAPHTHYLAMINE					5 U								6 U			
2-NITROANILINE					2 U								2 U			
2-NITROPHENOL					5 U								6 U			
2-PICOLINE					5 U								6 U			
3,3'-DICHLOROBENZIDINE					9 U								11 U			
3,3'-DIMETHYLBENZIDINE					5 U								6 U			
3-NITROANILINE					2 U								2 U			
4,6-DINITRO-2-METHYLPHENOL					9 U								11 U			
4-AMINOBIPHENYL					5 U								6 U			
4-BROMOPHENYL PHENYL ETHER					2 U								2 U			
4-CHLORO-3-METHYLPHENOL					2 U								2 U			
4-CHLOROANILINE					2 U								2 U			

LOCATION	03C03	03C03	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C07	03C07	03C07	03C07	03C07	03C07
NSAMPLE	AC034A00	AC034A00-F	AC041A00	AC041A00-F	AC042A00	AC042A00-F	AC043A00	AC043A00-F	AC044A00	AC044A00-F	AC071A00	AC071A00-F	AC072A00	AC072A00-F	AC073A00	AC073A00-F
SAMPLE	AC034A00	AC034A00F	AC041A00	AC041A00F	AC042A00	AC042A00F	AC043A00	AC043A00F	AC044A00	AC044A00F	AC071A00	AC071A00F	AC072A00	AC072A00F	AC073A00	AC073A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/1/2000	12/1/2000	3/14/2000	3/14/2000	6/27/2000	6/26/2000	9/13/2000	9/13/2000	12/5/2000	12/5/2000	3/14/2000	3/14/2000	6/15/2000	6/15/2000	9/8/2000	9/8/2000
4-CHLOROPHENYL PHENYL ETHER					1 U								1 U			
4-METHYLPHENOL					4 U								4 U			
4-NITROANILINE					2 U								2 U			
4-NITROPHENOL					9 U								11 U			
4-NITROQUINOLINE-1-OXIDE					5 U								6 U			
5-NITRO-O-TOLUIDINE					5 U								6 U			
7,12-DIMETHYLBENZ(A)ANTHRACENE					5 U								6 U			
A,A-DIMETHYLPHENETHYLAMINE					5 U								6 U			
ACENAPHTHENE					0.18999 U								0.21999 U			
ACENAPHTHYLENE					0.18999 U								0.21999 U			
ACETOPHENONE					5 U								6 U			
ANILINE					5 U								6 U			
ANTHRACENE					0.18999 U								0.21999 U			
BENZO(A)ANTHRACENE					0.18999 U								0.21999 U			
BENZO(A)PYRENE					0.18999 U								0.21999 U			
BENZO(B)FLUORANTHENE					0.18999 U								0.21999 U			
BENZO(G,H,I)PERYLENE					0.18999 U								0.21999 U			
BENZO(K)FLUORANTHENE					0.18999 U								0.21999 U			
BENZYL ALCOHOL					9 U								11 U			
BIS(2-CHLOROETHOXY)METHANE					5 U								6 U			
BIS(2-CHLOROETHYL)ETHER					1 U								1 U			
BIS(2-ETHYLHEXYL)PHTHALATE					2 U								1 J			
BUTYL BENZYL PHTHALATE					2 U								2 U			
CHLOROBENZILATE					5 U								6 U			
CHRYSENE					0.18999 U								0.21999 U			
DI-N-BUTYL PHTHALATE					2 U								2 U			
DI-N-OCTYL PHTHALATE					2 U								2 U			
DIALLATE					5 U								6 U			
DIBENZO(A,H)ANTHRACENE					0.18999 U								0.21999 U			
DIBENZOFURAN					1 U								1 U			
DIETHYL PHTHALATE					2 U								2 U			
DIMETHOATE					5 U								6 U			
DIMETHYL PHTHALATE					2 U								2 U			
DIPHENYLAMINE					5 U								6 U			
DISULFOTON					5 U								6 U			
ETHYL METHANE SULFONATE					5 U								6 U			
ETHYL PARATHION					5 U								6 U			
FAMPHUR					5 U								6 U			
FLUORANTHENE					0.18999 U								0.21999 U			
FLUORENE					0.18999 U								0.21999 U			
HEXACHLOROBENZENE					2 U								2 U			
HEXACHLOROBUTADIENE					1 U								1 U			
HEXACHLOROCYCLOPENTADIENE					2 U								2 U			
HEXACHLOROETHANE					2 U								2 U			
HEXACHLOROPROPENE					5 U								6 U			
INDENO(1,2,3-CD)PYRENE					0.18999 U								0.21999 U			
ISODRIN					5 U								6 U			
ISOPHORONE					1 U								1 U			
ISOSAFROLE					5 U								6 U			

LOCATION	03C03	03C03	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C07	03C07	03C07	03C07	03C07	03C07
NSAMPLE	AC034A00	AC034A00-F	AC041A00	AC041A00-F	AC042A00	AC042A00-F	AC043A00	AC043A00-F	AC044A00	AC044A00-F	AC071A00	AC071A00-F	AC072A00	AC072A00-F	AC073A00	AC073A00-F
SAMPLE	AC034A00	AC034A00F	AC041A00	AC041A00F	AC042A00	AC042A00F	AC043A00	AC043A00F	AC044A00	AC044A00F	AC071A00	AC071A00F	AC072A00	AC072A00F	AC073A00	AC073A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/1/2000	12/1/2000	3/14/2000	3/14/2000	6/27/2000	6/26/2000	9/13/2000	9/13/2000	12/5/2000	12/5/2000	3/14/2000	3/14/2000	6/15/2000	6/15/2000	9/8/2000	9/8/2000
KEPONE					5 U								6 U			
METHAPYRILENE					5 U								6 U			
METHYL METHANE SULFONATE					5 U								6 U			
METHYL PARATHION					5 U								6 U			
N-NITROSO-DI-N-BUTYLAMINE					5 U								6 U			
N-NITROSO-DI-N-PROPYLAMINE					2 U								2 U			
N-NITROSODIETHYLAMINE					5 U								6 U			
N-NITROSODIMETHYLAMINE					9 U								11 U			
N-NITROSOMETHYLETHYLAMINE					5 U								6 U			
N-NITROSOMORPHOLINE					5 U								6 U			
N-NITROSOPIPERIDINE					5 U								6 U			
N-NITROSOPYRROLIDINE					5 U								6 U			
NAPHTHALENE					0.18999 U								0.21999 U			
O,O,O-TRIETHYL PHOSPHOROTHIOAT					5 U								6 U			
O-TOLUIDINE					5 U								6 U			
P-(DIMETHYLAMINO)AZOBENZENE					5 U								6 U			
PENTACHLOROBENZENE					5 U								6 U			
PENTACHLOROETHANE					5 U								6 U			
PENTACHLORONITROBENZENE					5 U								6 U			
PENTACHLOROPHENOL					9 U								11 U			
PHENACETIN					5 U								6 U			
PHENANTHRENE					0.18999 U								0.21999 U			
PHENOL					5 U								6 U			
PHORATE					5 U								6 U			
PRONAMIDE					5 U								6 U			
PYRENE					0.18999 U								0.21999 U			
PYRIDINE					9 U								11 U			
SAFROLE					5 U								6 U			
SULFOTEPP					5 U								6 U			
THIONAZIN					5 U								6 U			
Pesticides/PCBs (ug/L)																
4,4'-DDD					0.10999 U								0.10999 U			
4,4'-DDE					0.10999 U								0.10999 U			
4,4'-DDT					0.10999 U								0.10999 U			
ALDRIN					0.056 U								0.05299 U			
ALPHA-BHC					0.056 U								0.05299 U			
AROCLOR-1016					1.1 U								1.1 U			
AROCLOR-1221					2.2 U								2.1 U			
AROCLOR-1232					1.1 U								1.1 U			
AROCLOR-1242					1.1 U								1.1 U			
AROCLOR-1248					1.1 U								1.1 U			
AROCLOR-1254					1.1 U								1.1 U			
AROCLOR-1260					1.1 U								1.1 U			
BETA-BHC					0.056 U								0.05299 U			
CHLORDANE					0.56 U								0.52999 U			
DELTA-BHC					0.056 U								0.05299 U			
DIELDRIN					0.10999 U								0.10999 U			
ENDOSULFAN I					0.056 U								0.05299 U			
ENDOSULFAN II					0.10999 U								0.10999 U			

LOCATION	03C03	03C03	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C07	03C07	03C07	03C07	03C07	03C07
NSAMPLE	AC034A00	AC034A00-F	AC041A00	AC041A00-F	AC042A00	AC042A00-F	AC043A00	AC043A00-F	AC044A00	AC044A00-F	AC071A00	AC071A00-F	AC072A00	AC072A00-F	AC073A00	AC073A00-F
SAMPLE	AC034A00	AC034A00F	AC041A00	AC041A00F	AC042A00	AC042A00F	AC043A00	AC043A00F	AC044A00	AC044A00F	AC071A00	AC071A00F	AC072A00	AC072A00F	AC073A00	AC073A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/1/2000	12/1/2000	3/14/2000	3/14/2000	6/27/2000	6/26/2000	9/13/2000	9/13/2000	12/5/2000	12/5/2000	3/14/2000	3/14/2000	6/15/2000	6/15/2000	9/8/2000	9/8/2000
ENDOSULFAN SULFATE					0.10999 U								0.10999 U			
ENDRIN					0.10999 U								0.10999 U			
ENDRIN ALDEHYDE					0.10999 U								0.10999 U			
GAMMA-BHC (LINDANE)					0.056 U								0.05299 U			
HEPTACHLOR					0.056 U								0.05299 U			
HEPTACHLOR EPOXIDE					0.056 U								0.05299 U			
METHOXYCHLOR					0.56 U								0.52999 U			
TOXAPHENE					5.6 U								5.3 U			
Explosives (ug/L)																
1,3,5-TRINITROBENZENE	1.4 U		0.52999 U		0.61 U		1.1 U		1.5 U		1.3 U		1.3 U		0.63999 U	
1,3-DINITROBENZENE	1.4 U		0.52999 U		0.61 U		1.1 U		1.5 U		1.3 U		1.3 U		0.63999 U	
2,4,6-TRINITROTOLUENE	1.4 U		0.52999 U		0.61 U		1.1 U		1.5 U		1.3 U		1.3 U		0.63999 U	
2,4-DIAMINO-6-NITROTOLUENE	1.4 U		0.52999 U		0.61 U		1.1 U		1.5 U							
2,4-DINITROTOLUENE	1.4 U		0.52999 U		0.61 U		1.1 U		1.5 U		1.3 U		1.3 U		0.63999 U	
2,6-DIAMINO-4-NITROTOLUENE	1.4 U		0.52999 U		0.61 U		1.1 U		1.5 U							
2,6-DINITROTOLUENE	1.4 U		0.52999 U		0.61 U		1.1 U		1.5 U		1.3 U		1.3 U		0.63999 U	
2-AMINO-4,6-DINITROTOLUENE	1.4 U		0.52999 U		0.61 U		1.1 U		1.5 U		1.3 U		1.3 U		0.63999 U	
2-NITROTOLUENE	1.4 U		0.52999 U		0.61 U		1.1 U		1.5 U		1.3 U		1.3 U		0.63999 U	
3,5-DINITROANILINE	1.4 U		0.52999 U		0.61 U		1.1 U		1.5 U							
3-NITROTOLUENE	1.4 U		0.52999 U		0.61 U		1.1 U		1.5 U		1.3 U		1.3 U		0.63999 U	
4,4'-TN-AZOXY	1.4 U		0.52999 U		0.61 U		1.1 U		1.5 U							
4-AMINO-2,6-DINITROTOLUENE	1.4 U		0.52999 U		0.61 U		1.1 U		1.5 U		1.3 U		1.3 U		0.63999 U	
4-NITROTOLUENE	1.4 U		0.52999 U		0.61 U		1.1 U		1.5 U		1.3 U		1.3 U		0.63999 U	
HMX	1.4 U		0.52999 U		0.61 U		1.1 U		1.5 U		9.5		6.6		8	
MNX	1.4 U		0.52999 U		0.61 U		1.1 U		1.5 U							
NITROBENZENE	1.4 U		0.52999 U		0.61 U		1.1 U		1.5 U		1.3 U		1.3 U		0.63999 U	
NITROCELLULOSE	1000 U		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U	
NITROGLYCERIN	14 U		5.3 U		6.1 U		11 U		15 U		13 U		13 U		6.4 U	
PETN	7 U		2.6 U		3 U		5.4 U		7.4 U		6.4 U		6.4 U		3.1 U	
PICRAMIC ACID	0.99 U		1.1 U		1.1 U		1.1 U		1.1 U							
PICRIC ACID	0.99 U		1.1 U		1.1 U		1.1 U		1.1 U							
RDX	1.3 U		0.5 U		0.56999 U		1.1 U		1.4 U		34		27		30	
TETRYL	1.4 U		0.52999 U		0.61 U		1.1 U		1.5 U		1.3 U		1.3 U		0.63999 U	
TNX	1.4 U		0.52999 U		0.61 U		1.1 U		1.5 U							
Herbicides (ug/L)																
2,4,5-T					0.21999 U								0.21999 U			
2,4,5-TP (SILVEX)					0.21999 U								0.21999 U			
2,4-D					0.21999 U								0.21999 U			
DINOSEB					0.21999 U								0.21999 U			
HEXACHLOROPHENE					0.55 U								0.55 U			
Dioxins/Furans (pg/L)																
1,2,3,4,6,7,8,9-OCDD					17.3 UJ								12.8 U			
1,2,3,4,6,7,8,9-OCDF					6.8 U								10.3 U			
1,2,3,4,6,7,8-HPCDD					7.1 U								7.6 U			
1,2,3,4,6,7,8-HPCDF					4.2 U								4.3 U			
1,2,3,4,7,8,9-HPCDF					5.5 U								5.1 U			
1,2,3,4,7,8-HXCDD					4 U								4.7 U			
1,2,3,4,7,8-HXCDF					3.7 U								3.2 U			
1,2,3,6,7,8-HXCDD					3.9 U								4.1 U			

LOCATION	03C03	03C03	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C07	03C07	03C07	03C07	03C07	03C07
NSAMPLE	AC034A00	AC034A00-F	AC041A00	AC041A00-F	AC042A00	AC042A00-F	AC043A00	AC043A00-F	AC044A00	AC044A00-F	AC071A00	AC071A00-F	AC072A00	AC072A00-F	AC073A00	AC073A00-F
SAMPLE	AC034A00	AC034A00F	AC041A00	AC041A00F	AC042A00	AC042A00F	AC043A00	AC043A00F	AC044A00	AC044A00F	AC071A00	AC071A00F	AC072A00	AC072A00F	AC073A00	AC073A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/1/2000	12/1/2000	3/14/2000	3/14/2000	6/27/2000	6/26/2000	9/13/2000	9/13/2000	12/5/2000	12/5/2000	3/14/2000	3/14/2000	6/15/2000	6/15/2000	9/8/2000	9/8/2000
1,2,3,6,7,8-HXCDF					3.5 U								2.8 U			
1,2,3,7,8,9-HXCDD					3.9 U								4.3 U			
1,2,3,7,8,9-HXCDF					4.7 U								3.6 U			
1,2,3,7,8-PECDD					4.6 U								3.6 U			
1,2,3,7,8-PECDF					3.7 U								1.9 U			
2,3,4,6,7,8-HXCDF					3.9 U								3.3 U			
2,3,4,7,8-PECDF					3.6 U								2.3 U			
2,3,7,8-TCDD					4.5 U								2.5 U			
2,3,7,8-TCDF					3.9 U								2.1 U			
TOTAL HPCDD					7.1 U								7.6 U			
TOTAL HPCDF					4.7 U								4.7 U			
TOTAL HXCDD					3.9 U								4.4 U			
TOTAL HXCDF					3.9 U								3.2 U			
TOTAL PECDD					4.6 U								3.6 U			
TOTAL PECDF					3.6 U								2.1 U			
TOTAL TCDD					4.5 U								2.5 U			
TOTAL TCDF					3.9 U								7.2 U			
Total Inorganics (ug/L)																
ANTIMONY	1.1 U		1.1 U		1.1 U	1 U	1.1 U		1.1 U		1.1 U		1.1 U	1 U	1.1 U	
ARSENIC	1.1 U		1.1 U		1.1 U	1 U	1.1 U		1.1 U		1.1 U		1.1 U	1 U	1.1 U	
BARIUM	45.2		30.9		23.7	23.7	43.4		26.9		32.8		33.8	34.4	33.7	
BERYLLIUM	1.1 U		1.1 U		1.1 U	1 U	1.1 U		1.1 U		1.1 U		1.1 U	1 U	1.1 U	
CADMIUM	1.1 U		1.1 U		1.1 U	1 U	1.1 U		1.1 U		1.1 U		1.1 U	1 U	1.1 U	
CALCIUM						141000								96300		
CHROMIUM	5.6 U		5.6 U		5.6 U	5	5.6 U		5.6 U		5.6 U		5.6 U	5 U	5.6 U	
COBALT	3.3 U		3.3 U		3.3 U	3 U	3.3 U		3.3 U		3.3 U		3.3 U	3 U	3.3 U	
COPPER	2.2 U		2.6		2.2 U	2.4	4.1		2.2 U		2.2 U		2.2 U	2 U	2.2 U	
IRON	111 U		289		111 U		111 U		454							
LEAD	1.1 U		1.1 U		1.1 U	1 U	1.1 U		1.1 U		1.1 U		1.1 U	1 U	1.1 U	
MAGNESIUM						190000								46700		
MANGANESE	16.7 U		617		177	150	16.7 U		82.6		16.7 U		16.7 U	15 U	16.7 U	
MERCURY	0.2 U		0.2 U		0.2 U	0.2 U	0.2 U		0.2 U		0.2 U		0.2 U	0.2 U	0.2 U	
NICKEL	11.1 U		11.1 U		11.1 U	10 U	11.1 U		11.1 U		11.1 U		11.1 U	10 U	11.1 U	
POTASSIUM						2850								2470		
SELENIUM	1.1 U		1.3		1.7	2.2	1.1 U		2.8		1.9		1.2	1.6	2.9	
SILVER	3.3 U		3.3 U		3.3 U	3 U	3.3 U		3.3 U		3.3 U		3.3 U	3 U	3.3 U	
SODIUM						50600								21900		
THALLIUM	1.1 U		1.1 U		1.1 U	1 U	1.1 U		1.1 U		1.1 U		1.1 U	1 U	1.1 U	
TIN	11.1 U		11.1 U		11.1 U	10 U	11.1 U		11.1 U		11.1 U		11.1 U	10 U	11.1 U	
VANADIUM	2.2 U		2.2 U		2.2 U	2 U	2.2 U		2.2 U		2.2 U		2.2 U	2 U	2.2 U	
ZINC	21.6		41.3		15.1	11.4	12.9		11.1 U		11.1 U		13.8	10 U	11.1 U	
Dissolved Inorganics (ug/L)																
ANTIMONY		1 U		1.1 U		1 U		1 U		1.8		1.1 U		1 U		1 U
ARSENIC		1 U		1.1 U		1 U		1 U		1 U		1.1 U		1 U		1 U
BARIUM		44.2		25.9		23.7		20.7		22.2		33.7		34.4		30.9
BERYLLIUM		1 U		1.1 U		1 U		1 U		1 U		1.1 U		1 U		1 U
CADMIUM		1 U		1.1 U		1 U		1 U		1 U		1.1 U		1 U		1 U
CALCIUM				0		141000		114000				92300		96300		75700
CHROMIUM		5 U		5.6 U		5		7.4		5 U		5.6 U		5 U		6.5

LOCATION	03C03	03C03	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C07	03C07	03C07	03C07	03C07	03C07
NSAMPLE	AC034A00	AC034A00-F	AC041A00	AC041A00-F	AC042A00	AC042A00-F	AC043A00	AC043A00-F	AC044A00	AC044A00-F	AC071A00	AC071A00-F	AC072A00	AC072A00-F	AC073A00	AC073A00-F
SAMPLE	AC034A00	AC034A00F	AC041A00	AC041A00F	AC042A00	AC042A00F	AC043A00	AC043A00F	AC044A00	AC044A00F	AC071A00	AC071A00F	AC072A00	AC072A00F	AC073A00	AC073A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/1/2000	12/1/2000	3/14/2000	3/14/2000	6/27/2000	6/26/2000	9/13/2000	9/13/2000	12/5/2000	12/5/2000	3/14/2000	3/14/2000	6/15/2000	6/15/2000	9/8/2000	9/8/2000
COBALT		3 U		3.3 U		3 U		3 U		3 U		3.3 U		3 U		3 U
COPPER		2 U		2.2 U		2.4		2 U		2 U		2.2 U		2 U		2 U
IRON																
LEAD		1 U		1.1 U		1 U		1 U		1 U		1.1 U		1 U		1 U
MAGNESIUM				0		190000		171000				43800		46700		39700
MANGANESE		15 U		303		150		122		146		16.7 U		15 U		15 U
MERCURY		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U
NICKEL		10 U		11.1 U		10 U		10 U		10 U		11.1 U		10 U		10 U
POTASSIUM				3060		2850		2820				4500		2470		2840
SELENIUM		1 U		1.1 U		2.2		2.4		2.3		1.1 U		1.6		1.6
SILVER		3 U		3.3 U		3 U		3 U		3 U		3.3 U		3 U		3 U
SODIUM				60100		50600		50100 J				23000		21900		20700 J
THALLIUM		1 U		1.1 U		1 U		1 U		1 U		1.1 U		1 U		1 U
TIN		10 U		11.1 U		10 U		10 U		10 U		11.1 U		10 U		10 U
VANADIUM		2 U		2.2 U		2 U		2 U		2 U		2.2 U		2 U		2 U
ZINC		10 U		11.2		11.4		10 U		10 U		232		10 U		10 U
Miscellaneous Parameters																
CHLORIDE (MG/L)	2		6.8						6		8.6		9.6			
CYANIDE (MG/L)	0.01999 UJ		0.1 U						0.01999 U		0.1 U		0.00999 U			
ETHANE (NG/L)					5 U											
ETHENE (NG/L)					5 U											
METHANE (NG/L)																
METHANE (UG/L)					0.41											
PHOSPHORUS (ELEMENTAL) (MG/L)	0.76999		0.1 U						0.05		0.1 U		0.1 U			
SULFATE (MG/L)	82		820						920		86		95			
SULFIDE (MG/L)	1 U		1 U						1 U				1 U			
TOTAL ORGANIC CARBON (MG/L)	1.1		1 U								1 U		1 U			
TOTAL ORGANIC HALIDES (MG/L)	0.05 U		0.01999 U						0.05 U		0.01999 U		0.01999 U			
Dissolved Miscellaneous Parameters																
PHOSPHORUS (ELEMENTAL) (MG/L)		0.01999 U		0.1 U		0.1 U				0.01999 U		0.1 U		0.1 U		

LOCATION	03C07	03C07	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2
NSAMPLE	AC074A00	AC074A00-F	AC08P21A00	AC08P21A00-F	AC08P22A00	AC08P22A00-F	AC08P23A00	AC08P23A00-F	AC09P21A00	AC09P21A00-D	AC09P21A00-F	AC09P21A00-F-D	AC09P22A00
SAMPLE	AC074A00	AC074A00F	AC08P21A00	AC08P21A00F	AC08P22A00	AC08P22A00F	AC08P23A00	AC08P23A00F	AC09P21A00	FD03250001	AC09P21A00F	FD03250001F	AC09P22A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/27/2000	12/27/2000	3/30/2000	3/30/2000	6/20/2000	6/20/2000	9/13/2000	9/13/2000	3/25/2000	3/25/2000	3/25/2000	3/25/2000	6/6/2000
Volatile Organics (ug/L)													
1,1,1,2-TETRACHLOROETHANE					0.5 U								0.5 U
1,1,1-TRICHLOROETHANE					0.5 U								0.5 U
1,1,2,2-TETRACHLOROETHANE					0.5 U								0.5 U
1,1,2-TRICHLOROETHANE					0.5 U								0.5 U
1,1-DICHLOROETHANE					0.5 U								0.5 U
1,1-DICHLOROETHENE	0.5 U		0.5 U		0.5 U				0.5 U	0.5 U			0.5 U
1,1-DICHLOROPROPENE					0.5 U								0.5 U
1,2,3-TRICHLOROBENZENE					0.5 U								0.5 U
1,2,3-TRICHLOROPROPANE					1 U								1 U
1,2-DIBROMO-3-CHLOROPROPANE					1 U								1 U
1,2-DIBROMOETHANE					0.5 U								0.5 U
1,2-DICHLOROETHANE					0.5 U								9
1,2-DICHLOROPROPANE					0.5 U								0.5 U
1,3-DICHLOROPROPANE					0.5 U								0.5 U
1,4-DIOXANE					100 U								100 U
2,2-DICHLOROPROPANE					0.5 U								0.5 U
2-BUTANONE					10 U								10 U
2-HEXANONE					10 U								10 U
3-CHLOROPROPENE					10 U								10 U
4-METHYL-2-PENTANONE					10 U								10 U
ACETONE					10 U								10 U
ACETONITRILE					40 U								40 U
ACROLEIN					10 U								10 U
ACRYLONITRILE					3 U								3 U
BENZENE					0.5 U								0.5 U
BROMOCHLOROMETHANE					0.5 U								0.5 U
BROMODICHLOROMETHANE					0.5 U								0.5 U
BROMOFORM					0.5 U								0.5 U
BROMOMETHANE					1 U								1 U
CARBON DISULFIDE					0.5 U								0.5 U
CARBON TETRACHLORIDE					0.3 U								0.6
CHLOROBENZENE					0.5 U								0.5 U
CHLORODIBROMOMETHANE					0.5 U								0.5 U
CHLOROETHANE					0.5 U								0.5 U
CHLOROFORM					0.3 U								0.69999
CHLOROMETHANE					0.5 U								0.5 U
CHLOROPRENE					3 U								3 U
CIS-1,2-DICHLOROETHENE	0.5 U		15		19				0.5 U	0.5 U			0.5 U
CIS-1,3-DICHLOROPROPENE					0.3 U								0.3 U
DIBROMOMETHANE					0.5 U								0.5 U
DICHLORODIFLUOROMETHANE					0.5 U								0.5 U
ETHYL METHACRYLATE					1 U								1 U
ETHYLBENZENE					0.5 U								0.5 U
ISOBUTANOL					40 U								40 U
M+P-XYLENES													
M-XYLENE					1 U								1 U
METHACRYLONITRILE					1 U								1 U
METHYL IODIDE					0.5 U								0.5 U

LOCATION	03C07	03C07	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2
NSAMPLE	AC074A00	AC074A00-F	AC08P21A00	AC08P21A00-F	AC08P22A00	AC08P22A00-F	AC08P23A00	AC08P23A00-F	AC09P21A00	AC09P21A00-D	AC09P21A00-F	AC09P21A00-F-D	AC09P22A00
SAMPLE	AC074A00	AC074A00F	AC08P21A00	AC08P21A00F	AC08P22A00	AC08P22A00F	AC08P23A00	AC08P23A00F	AC09P21A00	FD03250001	AC09P21A00F	FD03250001F	AC09P22A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/27/2000	12/27/2000	3/30/2000	3/30/2000	6/20/2000	6/20/2000	9/13/2000	9/13/2000	3/25/2000	3/25/2000	3/25/2000	3/25/2000	6/6/2000
METHYL METHACRYLATE					2 U								2 U
METHYLENE CHLORIDE					3 U								3 U
O-XYLENE					1 U								1 U
PROPIONITRILE					40 U								40 U
STYRENE					0.5 U								0.5 U
TETRACHLOROETHENE					0.5 U								0.5 U
TOLUENE					0.5 U								0.5 U
TOTAL XYLENES													
TRANS-1,2-DICHLOROETHENE	0.5 U		0.5 U		1.2				0.5 U	0.5 U			0.5 U
TRANS-1,3-DICHLOROPROPENE					0.5 U								0.5 U
TRANS-1,4-DICHLORO-2-BUTENE					10 U								10 U
TRICHLOROETHENE	5.9		63		77		66		120	120			110
TRICHLOROFLUOROMETHANE					0.5 U								0.5 U
VINYL ACETATE					0.5 U								0.5 U
VINYL CHLORIDE	0.5 U		0.5 U		0.5 U				0.5 U	0.5 U			0.5 U
Semivolatile Organics (ug/L)													
1,2,4,5-TETRACHLOROBENZENE					5 U								5 U
1,2,4-TRICHLOROBENZENE					2 U								2 U
1,2-DICHLOROBENZENE					2 U								2 U
1,3-DICHLOROBENZENE					2 U								2 U
1,4-DICHLOROBENZENE					2 U								2 U
1,4-NAPHTHOQUINONE					5 U								5 U
1,4-PHENYLENEDIAMINE					5 U								5 U
1-NAPHTHYLAMINE					5 U								5 U
2,2'-OXYBIS(1-CHLOROPROPANE)					3 U								3 U
2,3,4,6-TETRACHLOROPHENOL					5 U								5 U
2,4,5-TRICHLOROPHENOL					5 U								5 U
2,4,6-TRICHLOROPHENOL					3 U								3 U
2,4-DICHLOROPHENOL					3 U								3 U
2,4-DIMETHYLPHENOL					5 U								5 U
2,4-DINITROPHENOL					10 U								10 U
2,6-DICHLOROPHENOL					5 U								5 U
2-ACETYLAMINOFLUORENE					5 U								5 U
2-CHLORONAPHTHALENE					2 U								2 U
2-CHLOROPHENOL					3 U								3 U
2-METHYLNAPHTHALENE					2 U								2 U
2-METHYLPHENOL					2 U								2 U
2-NAPHTHYLAMINE					5 U								5 U
2-NITROANILINE					2 U								2 U
2-NITROPHENOL					5 U								5 U
2-PICOLINE					5 U								5 U
3,3'-DICHLOROBENZIDINE					10 U								10 U
3,3'-DIMETHYLBENZIDINE					5 U								5 U
3-NITROANILINE					2 U								2 U
4,6-DINITRO-2-METHYLPHENOL					10 U								10 U
4-AMINOBIPHENYL					5 U								5 U
4-BROMOPHENYL PHENYL ETHER					2 U								2 U
4-CHLORO-3-METHYLPHENOL					2 U								2 U
4-CHLOROANILINE					2 U								2 U

LOCATION	03C07	03C07	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2
NSAMPLE	AC074A00	AC074A00-F	AC08P21A00	AC08P21A00-F	AC08P22A00	AC08P22A00-F	AC08P23A00	AC08P23A00-F	AC09P21A00	AC09P21A00-D	AC09P21A00-F	AC09P21A00-F-D	AC09P22A00
SAMPLE	AC074A00	AC074A00F	AC08P21A00	AC08P21A00F	AC08P22A00	AC08P22A00F	AC08P23A00	AC08P23A00F	AC09P21A00	FD03250001	AC09P21A00F	FD03250001F	AC09P22A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/27/2000	12/27/2000	3/30/2000	3/30/2000	6/20/2000	6/20/2000	9/13/2000	9/13/2000	3/25/2000	3/25/2000	3/25/2000	3/25/2000	6/6/2000
4-CHLOROPHENYL PHENYL ETHER					1 U								1 U
4-METHYLPHENOL					4 U								4 U
4-NITROANILINE					2 U								2 U
4-NITROPHENOL					10 U								10 U
4-NITROQUINOLINE-1-OXIDE					5 U								5 U
5-NITRO-O-TOLUIDINE					5 U								5 U
7,12-DIMETHYLBENZ(A)ANTHRACENE					5 U								5 U
A,A-DIMETHYLPHENETHYLAMINE					5 U								5 U
ACENAPHTHENE					0.20999 U								0.21999 U
ACENAPHTHYLENE					0.20999 U								0.21999 U
ACETOPHENONE					5 U								5 U
ANILINE					5 U								5 U
ANTHRACENE					0.20999 U								0.21999 U
BENZO(A)ANTHRACENE					0.20999 U								0.21999 U
BENZO(A)PYRENE					0.20999 U								0.21999 U
BENZO(B)FLUORANTHENE					0.20999 U								0.21999 U
BENZO(G,H,I)PERYLENE					0.20999 U								0.21999 U
BENZO(K)FLUORANTHENE					0.20999 U								0.21999 U
BENZYL ALCOHOL					10 U								10 U
BIS(2-CHLOROETHOXY)METHANE					5 U								5 U
BIS(2-CHLOROETHYL)ETHER					1 U								1 U
BIS(2-ETHYLHEXYL)PHTHALATE					2 U								2 U
BUTYL BENZYL PHTHALATE					2 U								2 U
CHLOROBENZILATE					5 U								5 U
CHRYSENE					0.20999 U								0.21999 U
DI-N-BUTYL PHTHALATE					2 U								2 U
DI-N-OCTYL PHTHALATE					2 U								2 U
DIALLATE					5 U								5 U
DIBENZO(A,H)ANTHRACENE					0.20999 U								0.21999 U
DIBENZOFURAN					1 U								1 U
DIETHYL PHTHALATE					2 U								2 U
DIMETHOATE					5 U								5 U
DIMETHYL PHTHALATE					2 U								2 U
DIPHENYLAMINE					5 U								5 U
DISULFOTON					5 U								5 U
ETHYL METHANE SULFONATE					5 U								5 U
ETHYL PARATHION					5 U								5 U
FAMPHUR					5 U								5 U
FLUORANTHENE					0.20999 U								0.21999 U
FLUORENE					0.20999 U								0.21999 U
HEXACHLOROBENZENE					2 U								2 U
HEXACHLOROBUTADIENE					1 U								1 U
HEXACHLOROCYCLOPENTADIENE					2 U								2 U
HEXACHLOROETHANE					2 U								2 U
HEXACHLOROPROPENE					5 U								5 U
INDENO(1,2,3-CD)PYRENE					0.20999 U								0.21999 U
ISODRIN					5 U								5 U
ISOPHORONE					1 U								1 U
ISOSAFROLE					5 U								5 U

LOCATION	03C07	03C07	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2
NSAMPLE	AC074A00	AC074A00-F	AC08P21A00	AC08P21A00-F	AC08P22A00	AC08P22A00-F	AC08P23A00	AC08P23A00-F	AC09P21A00	AC09P21A00-D	AC09P21A00-F	AC09P21A00-F-D	AC09P22A00
SAMPLE	AC074A00	AC074A00F	AC08P21A00	AC08P21A00F	AC08P22A00	AC08P22A00F	AC08P23A00	AC08P23A00F	AC09P21A00	FD03250001	AC09P21A00F	FD03250001F	AC09P22A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/27/2000	12/27/2000	3/30/2000	3/30/2000	6/20/2000	6/20/2000	9/13/2000	9/13/2000	3/25/2000	3/25/2000	3/25/2000	3/25/2000	6/6/2000
KEPONE					5 U								5 U
METHAPYRILENE					5 U								5 U
METHYL METHANE SULFONATE					5 U								5 U
METHYL PARATHION					5 U								5 U
N-NITROSO-DI-N-BUTYLAMINE					5 U								5 U
N-NITROSO-DI-N-PROPYLAMINE					2 U								2 U
N-NITROSODIETHYLAMINE					5 U								5 U
N-NITROSODIMETHYLAMINE					10 U								10 U
N-NITROSOMETHYLETHYLAMINE					5 U								5 U
N-NITROSOMORPHOLINE					5 U								5 U
N-NITROSOPIPERIDINE					5 U								5 U
N-NITROSOPYRROLIDINE					5 U								5 U
NAPHTHALENE					0.20999 U								0.21999 U
O,O,O-TRIETHYL PHOSPHOROTHIOAT					5 U								5 U
O-TOLUIDINE					5 U								5 U
P-(DIMETHYLAMINO)AZOBENZENE					5 U								5 U
PENTACHLOROBENZENE					5 U								5 U
PENTACHLOROETHANE					5 U								5 U
PENTACHLORONITROBENZENE					5 U								5 U
PENTACHLOROPHENOL					10 U								10 U
PHENACETIN					5 U								5 U
PHENANTHRENE					0.20999 U								0.21999 U
PHENOL					5 U								5 U
PHORATE					5 U								5 U
PRONAMIDE					5 U								5 U
PYRENE					0.20999 U								0.21999 U
PYRIDINE					10 U								10 U
SAFROLE					5 U								5 U
SULFOTEPP					5 U								5 U
THIONAZIN					5 U								5 U
Pesticides/PCBs (ug/L)													
4,4'-DDD					0.1 U								0.10999 U
4,4'-DDE					0.1 U								0.10999 U
4,4'-DDT					0.1 U								0.10999 U
ALDRIN					0.05099 U								0.05299 U
ALPHA-BHC					0.05099 U								0.05299 U
AROCLOR-1016					1 U								1.1 U
AROCLOR-1221					2 U								2.1 U
AROCLOR-1232					1 U								1.1 U
AROCLOR-1242					1 U								1.1 U
AROCLOR-1248					1 U								1.1 U
AROCLOR-1254					1 U								1.1 U
AROCLOR-1260					1 U								1.1 U
BETA-BHC					0.05099 U								0.05299 U
CHLORDANE					0.50999 U								0.52999 U
DELTA-BHC					0.05099 U								0.05299 U
DIELDRIN					0.1 U								0.10999 U
ENDOSULFAN I					0.05099 U								0.05299 U
ENDOSULFAN II					0.1 U								0.10999 U

LOCATION	03C07	03C07	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2
NSAMPLE	AC074A00	AC074A00-F	AC08P21A00	AC08P21A00-F	AC08P22A00	AC08P22A00-F	AC08P23A00	AC08P23A00-F	AC09P21A00	AC09P21A00-D	AC09P21A00-F	AC09P21A00-F-D	AC09P22A00
SAMPLE	AC074A00	AC074A00F	AC08P21A00	AC08P21A00F	AC08P22A00	AC08P22A00F	AC08P23A00	AC08P23A00F	AC09P21A00	FD03250001	AC09P21A00F	FD03250001F	AC09P22A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/27/2000	12/27/2000	3/30/2000	3/30/2000	6/20/2000	6/20/2000	9/13/2000	9/13/2000	3/25/2000	3/25/2000	3/25/2000	3/25/2000	6/6/2000
ENDOSULFAN SULFATE					0.1 U								0.10999 U
ENDRIN					0.1 U								0.10999 U
ENDRIN ALDEHYDE					0.1 U								0.10999 U
GAMMA-BHC (LINDANE)					0.05099 U								0.05299 U
HEPTACHLOR					0.05099 U								0.05299 U
HEPTACHLOR EPOXIDE					0.05099 U								0.05299 U
METHOXYCHLOR					0.50999 U								0.52999 U
TOXAPHENE					5.1 U								5.3 U
Explosives (ug/L)													
1,3,5-TRINITROBENZENE	0.83999 U		0.43999 U		0.46 U		0.93999 U		3.8	4.1			1 U
1,3-DINITROBENZENE	0.83999 U		0.43999 U		0.46 U		0.93999 U		0.75 U	0.91 U			1 U
2,4,6-TRINITROTOLUENE	0.83999 U		0.43999 U		0.46 U		0.93999 U		0.75 U	0.91 U			1 U
2,4-DIAMINO-6-NITROTOLUENE													
2,4-DINITROTOLUENE	0.83999 U		0.43999 U		0.46 U		0.93999 U		0.75 U	0.91 U			1 U
2,6-DIAMINO-4-NITROTOLUENE													
2,6-DINITROTOLUENE	0.83999 U		0.43999 U		0.46 U		0.93999 U		0.75 U	0.91 U			1 U
2-AMINO-4,6-DINITROTOLUENE	0.83999 U		2.9		3.1		2		0.75 U	0.91 U			1 U
2-NITROTOLUENE	0.83999 U		0.43999 U		0.46 U		0.93999 U		1.2	1.3			1 U
3,5-DINITROANILINE													
3-NITROTOLUENE	0.83999 U		0.43999 U		0.46 U		0.93999 U		0.75 U	0.91 U			1 U
4,4'-TN-AZOXY													
4-AMINO-2,6-DINITROTOLUENE	0.83999 U		3.9		4.5		3.4		0.75 U	0.91 U			1 U
4-NITROTOLUENE	0.83999 U		0.43999 U		0.46 U		0.93999 U		0.75 U	0.91 U			1 U
HMX	4.8		32		35		30		4.1	4.2			5
MNX													
NITROBENZENE	0.83999 U		0.43999 U		0.46 U		0.93999 U		0.75 U	0.91 U			1 U
NITROCELLULOSE	1000 U		1000 U		1000 U		1000 U		1000 U	1000 U			1000 U
NITROGLYCERIN	8.4 U		4.4 U		4.5 U		9.4 U		7.5 U	9.1 U			10 U
PETN	4.2 U		2.2 U		2.2 U		4.6 U		3.7 U	4.5 U			5 U
PICRAMIC ACID													
PICRIC ACID													
RDX	19		90		95		87		160	180			180
TETRYL	0.83999 U		0.43999 U		0.46 U		0.93999 U		0.75 U	0.91 U			1 U
TNX													
Herbicides (ug/L)													
2,4,5-T					0.20999 U								0.21999 U
2,4,5-TP (SILVEX)					0.20999 U								0.21999 U
2,4-D					0.20999 U								0.21999 U
DINOSEB					0.20999 U								0.21999 U
HEXACHLOROPHENE					0.52999 U								0.54 U
Dioxins/Furans (pg/L)													
1,2,3,4,6,7,8,9-OCDD					19.7 U								21.9 U
1,2,3,4,6,7,8,9-OCDF					15.8 U								17.6 U
1,2,3,4,6,7,8-HPCDD					12.1 U								13.9 U
1,2,3,4,6,7,8-HPCDF					7.7 U								10.3 U
1,2,3,4,7,8,9-HPCDF					9.1 U								12.3 U
1,2,3,4,7,8-HXCDD					8.2 U								11.3 U
1,2,3,4,7,8-HXCDF					5.5 U								8.6 U
1,2,3,6,7,8-HXCDD					7.2 U								9.9 U

LOCATION	03C07	03C07	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2
NSAMPLE	AC074A00	AC074A00-F	AC08P21A00	AC08P21A00-F	AC08P22A00	AC08P22A00-F	AC08P23A00	AC08P23A00-F	AC09P21A00	AC09P21A00-D	AC09P21A00-F	AC09P21A00-F-D	AC09P22A00
SAMPLE	AC074A00	AC074A00F	AC08P21A00	AC08P21A00F	AC08P22A00	AC08P22A00F	AC08P23A00	AC08P23A00F	AC09P21A00	FD03250001	AC09P21A00F	FD03250001F	AC09P22A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/27/2000	12/27/2000	3/30/2000	3/30/2000	6/20/2000	6/20/2000	9/13/2000	9/13/2000	3/25/2000	3/25/2000	3/25/2000	3/25/2000	6/6/2000
1,2,3,6,7,8-HXCDF					4.9 U								7.6 U
1,2,3,7,8,9-HXCDD					7.5 U								10.4 U
1,2,3,7,8,9-HXCDF					6.3 U								9.8 U
1,2,3,7,8-PECDD					6 U								10.7 U
1,2,3,7,8-PECDF					3.1 U								4.8 U
2,3,4,6,7,8-HXCDF					5.7 U								9 U
2,3,4,7,8-PECDF					3.6 U								5.7 U
2,3,7,8-TCDD					4.3 U								6.6 U
2,3,7,8-TCDF					3.4 U								5.3 U
TOTAL HPCDD					12.1 U								13.9 U
TOTAL HPCDF					8.3 U								11.2 U
TOTAL HXCDD					7.6 U								10.5 U
TOTAL HXCDF					5.6 U								8.7 U
TOTAL PECDD					6 U								10.7 U
TOTAL PECDF					3.4 U								5.2 U
TOTAL TCDD					4.3 U								6.6 U
TOTAL TCDF					3.4 U								5.3 U
Total Inorganics (ug/L)													
ANTIMONY	1.1 U		1.1 U		1.1 U	1 U	1.1 U		1.1 U	1.1 U			1.1 U
ARSENIC	1.1 U		1.1 U		1.1 U	1 U	1.1 U		1.1 U	1.1 U			1.1 U
BARIUM	32.6		64.7		61	60.2	27.2		13.9	14			14.9
BERYLLIUM	1.1 U		1.1 U		1.1 U	1 U	1.1 U		1.1 U	1.1 U			1.1 U
CADMIUM	1.1 U		1.1 U		1.1 U	1 U	1.1 U		1.1 U	1.1 U			1.1 U
CALCIUM						121000							
CHROMIUM	5.6 U		5.6 U		5.6 U	5.7	5.6 U		5.6 U	5.6 U			5.6 U
COBALT	3.3 U		3.3 U		3.3 U	3 U	3.3 U		3.3 U	3.3 U			3.3 U
COPPER	2.2 U		2.2 U		2.2 U	2 U	2.2 U		2.2 U	2.2 U			2.2 U
IRON													
LEAD	1.1 U		1.1 U		1.1 U	1 U	1.1 U		1.1 U	1.1 U			1.1 U
MAGNESIUM						39100							
MANGANESE	16.7 U		16.7 U		16.7 U	15 U	245		22.2	23.1			22.6
MERCURY	0.2 U		0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U			0.21999 U
NICKEL	11.1 U		11.1 U		11.1 U	10 U	11.1 U		11.1 U	11.1 U			11.1 U
POTASSIUM						7920							
SELENIUM	2.5		1.1 U		1.4	1 U	3		1.3	2			1.6
SILVER	3.3 U		3.3 U		3.3 U	3 U	3.3 U		3.3 U	3.3 U			3.3 U
SODIUM						13000							
THALLIUM	1.1 U		1.1 U		1.1 U	1 U	1.1 U		1.1 U	1.1 U			1.1 U
TIN	11.1 U		11.1 U		11.1 U	10 U	11.1 U		11.1 U	11.1 U			11.1 U
VANADIUM	2.2 U		2.2 U		2.2 U	2 U	2.2 U		2.2 U	2.2 U			2.2 U
ZINC	11.1 U		11.1 U		18.4	10 U	11.1 U		11.1 U	43.7			11.1 U
Dissolved Inorganics (ug/L)													
ANTIMONY		1 U		1.2		1 U		1 U			1.1 U	1.1 U	
ARSENIC		1 U		1.1 U		1 U		1 U			1.1 U	1.1 U	
BARIUM		30.8		59.9		60.2		56.1			13.7	13.2	
BERYLLIUM		1 U		1.1 U		1 U		1 U			1.1 U	1.1 U	
CADMIUM		1 U		1.1 U		1 U		1 U			1.1 U	1.1 U	
CALCIUM				114000		121000		97800			75300	74800	
CHROMIUM		5 U		5.6 U		5.7		7.8			5.6 U	5.6 U	

SWMU 03 - Ammunition Burning Ground
NSWC Crane
Summary of 2000 Groundwater Data

LOCATION	03C07	03C07	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2
NSAMPLE	AC074A00	AC074A00-F	AC08P21A00	AC08P21A00-F	AC08P22A00	AC08P22A00-F	AC08P23A00	AC08P23A00-F	AC09P21A00	AC09P21A00-D	AC09P21A00-F	AC09P21A00-F-D	AC09P22A00
SAMPLE	AC074A00	AC074A00F	AC08P21A00	AC08P21A00F	AC08P22A00	AC08P22A00F	AC08P23A00	AC08P23A00F	AC09P21A00	FD03250001	AC09P21A00F	FD03250001F	AC09P22A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/27/2000	12/27/2000	3/30/2000	3/30/2000	6/20/2000	6/20/2000	9/13/2000	9/13/2000	3/25/2000	3/25/2000	3/25/2000	3/25/2000	6/6/2000
COBALT		3 U		3.3 U		3 U		3 U			3.3 U	3.3 U	
COPPER		2 U		2.2 U		2 U		2 U			2.2 U	2.2 U	
IRON													
LEAD		1 U		1.1 U		1 U		1 U			1.1 U	1.1 U	
MAGNESIUM				37000		39100		36000			14500	14300	
MANGANESE		15 U		16.7 U		15 U		15 U			16.7 U	16.7 U	
MERCURY		0.2 U		0.2 U		0.2 U		0.2 U			0.2 U	0.2 U	
NICKEL		10 U		11.1 U		10 U		10 U			11.1 U	11.1 U	
POTASSIUM				13200		7920		7480 J			1250	1250	
SELENIUM		1.8		1.3		1 U		1 U			1.4	1.6	
SILVER		3 U		3.3 U		3 U		3 U			3.3 U	3.3 U	
SODIUM				14400		13000		12400 J			4370	4330	
THALLIUM		1 U		1.1 U		1 U		1 U			1.1 U	1.1 U	
TIN		10 U		11.1 U		10 U		10 U			11.1 U	11.1 U	
VANADIUM		2 U		2.2 U		2 U		2 U			2.2 U	2.2 U	
ZINC		10 U		16.3		10 U		10 U			11.1 U	183	
Miscellaneous Parameters													
CHLORIDE (MG/L)	6		12		10				5.1	4.9			4.5
CYANIDE (MG/L)	0.00999 U		0.01 U		0.00999 U				0.1 U	0.1 U			0.00499 U
ETHANE (NG/L)													
ETHENE (NG/L)													
METHANE (NG/L)													
METHANE (UG/L)													
PHOSPHORUS (ELEMENTAL) (MG/L)	0.1 U		0.1 U		0.1 U				0.1 U	0.1 U			0.05
SULFATE (MG/L)	140		140		130				50	59			47
SULFIDE (MG/L)					1 U								1 U
TOTAL ORGANIC CARBON (MG/L)	1.4		1 U		1 U				1 U	1 U			1
TOTAL ORGANIC HALIDES (MG/L)	0.05 U		0.02999		0.05999				0.07	0.02999			0.18999
Dissolved Miscellaneous Parameters													
PHOSPHORUS (ELEMENTAL) (MG/L)		0.1 U		0.1 U		0.1 U					0.1 U	0.1 U	

LOCATION	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2*	03C09P2	03C10	03C10	03C10	03C10	03C10	03C10	03C10
NSAMPLE	AC09P22A00-F	AC09P23A00	AC09P23A00-F	AC09P24A00	AC09P24A00-D	AC09P24A00-F	AC09P24A00-F-D	AC101A00	AC101A00-F	AC102A00	AC102A00-D	AC102A00-F	AC102A00-F-D	AC103A00
SAMPLE	AC09P22A00F	AC09P23A00	AC09P23A00F	AC09P24A00	FD12010001	AC09P24A00F	FD12010001F	AC101A00	AC101A00F	AC102A00	FD06230001	AC102A00F	FD06230001F	AC103A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/6/2000	9/15/2000	9/15/2000	12/1/2000	12/1/2000	12/1/2000	12/1/2000	4/1/2000	4/1/2000	6/23/2000	6/23/2000	6/23/2000	6/23/2000	9/8/2000
Volatile Organics (ug/L)														
1,1,1,2-TETRACHLOROETHANE														
1,1,1-TRICHLOROETHANE								0.5 U		0.5 U	0.5 U			
1,1,2,2-TETRACHLOROETHANE														
1,1,2-TRICHLOROETHANE														
1,1-DICHLOROETHANE								0.5 U		0.5 U	0.5 U			
1,1-DICHLOROETHENE				0.5 U	0.5 U			0.5 U		0.5 U	0.5 U			
1,1-DICHLOROPROPENE														
1,2,3-TRICHLOROBENZENE														
1,2,3-TRICHLOROPROPANE														
1,2-DIBROMO-3-CHLOROPROPANE														
1,2-DIBROMOETHANE														
1,2-DICHLOROETHANE								26		25	26			
1,2-DICHLOROPROPANE														
1,3-DICHLOROPROPANE														
1,4-DIOXANE														
2,2-DICHLOROPROPANE														
2-BUTANONE														
2-HEXANONE														
3-CHLOROPROPENE														
4-METHYL-2-PENTANONE														
ACETONE														
ACETONITRILE														
ACROLEIN														
ACRYLONITRILE														
BENZENE								0.5 U		0.5 U	0.5 U			
BROMOCHLOROMETHANE														
BROMODICHLOROMETHANE														
BROMOFORM														
BROMOMETHANE														
CARBON DISULFIDE														
CARBON TETRACHLORIDE								1.6		1.2	1.2			
CHLOROBENZENE														
CHLORODIBROMOMETHANE														
CHLOROETHANE								0.5 U		0.5 U	0.5 U			
CHLOROFORM								2.3		2.1	2.2			
CHLOROMETHANE														
CHLOROPRENE														
CIS-1,2-DICHLOROETHENE				0.5 U	0.5 U			0.5 U		0.5 U	0.5 U			
CIS-1,3-DICHLOROPROPENE														
DIBROMOMETHANE														
DICHLORODIFLUOROMETHANE														
ETHYL METHACRYLATE														
ETHYLBENZENE								0.5 U		0.5 U	0.5 U			
ISOBUTANOL														
M+P-XYLENES								0.5 U						
M-XYLENE														
METHACRYLONITRILE														
METHYL IODIDE														

LOCATION	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C10	03C10	03C10	03C10	03C10	03C10	03C10
NSAMPLE	AC09P22A00-F	AC09P23A00	AC09P23A00-F	AC09P24A00	AC09P24A00-D	AC09P24A00-F	AC09P24A00-F-D	AC101A00	AC101A00-F	AC102A00	AC102A00-D	AC102A00-F	AC102A00-F-D	AC103A00
SAMPLE	AC09P22A00F	AC09P23A00	AC09P23A00F	AC09P24A00	FD12010001	AC09P24A00F	FD12010001F	AC101A00	AC101A00F	AC102A00	FD06230001	AC102A00F	FD06230001F	AC103A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/6/2000	9/15/2000	9/15/2000	12/1/2000	12/1/2000	12/1/2000	12/1/2000	4/1/2000	4/1/2000	6/23/2000	6/23/2000	6/23/2000	6/23/2000	9/8/2000
METHYL METHACRYLATE														
METHYLENE CHLORIDE								1 U		1 U	1 U			
O-XYLENE								0.5 U						
PROPIONITRILE														
STYRENE														
TETRACHLOROETHENE								0.5 U		0.5 U	0.5 U			
TOLUENE								0.5 U		0.5 U	0.5 U			
TOTAL XYLENES										1 U	1 U			
TRANS-1,2-DICHLOROETHENE				0.5 U	0.5 U			0.5 U		0.5 U	0.5 U			
TRANS-1,3-DICHLOROPROPENE														
TRANS-1,4-DICHLORO-2-BUTENE														
TRICHLOROETHENE		120		130	130			54		72	70			68
TRICHLOROFLUOROMETHANE														
VINYL ACETATE														
VINYL CHLORIDE				0.5 U	0.5 U			0.5 U		0.5 U	0.5 U			
Semivolatile Organics (ug/L)														
1,2,4,5-TETRACHLOROBENZENE														
1,2,4-TRICHLOROBENZENE														
1,2-DICHLOROBENZENE														
1,3-DICHLOROBENZENE														
1,4-DICHLOROBENZENE														
1,4-NAPHTHOQUINONE														
1,4-PHENYLENEDIAMINE														
1-NAPHTHYLAMINE														
2,2'-OXYBIS(1-CHLOROPROPANE)														
2,3,4,6-TETRACHLOROPHENOL														
2,4,5-TRICHLOROPHENOL														
2,4,6-TRICHLOROPHENOL														
2,4-DICHLOROPHENOL														
2,4-DIMETHYLPHENOL														
2,4-DINITROPHENOL														
2,6-DICHLOROPHENOL														
2-ACETYLAMINOFLUORENE														
2-CHLORONAPHTHALENE														
2-CHLOROPHENOL														
2-METHYLNAPHTHALENE														
2-METHYLPHENOL														
2-NAPHTHYLAMINE														
2-NITROANILINE														
2-NITROPHENOL														
2-PICOLINE														
3,3'-DICHLOROBENZIDINE														
3,3'-DIMETHYLBENZIDINE														
3-NITROANILINE														
4,6-DINITRO-2-METHYLPHENOL														
4-AMINOBIPHENYL														
4-BROMOPHENYL PHENYL ETHER														
4-CHLORO-3-METHYLPHENOL														
4-CHLOROANILINE														

LOCATION	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C10	03C10	03C10	03C10	03C10	03C10	03C10
NSAMPLE	AC09P22A00-F	AC09P23A00	AC09P23A00-F	AC09P24A00	AC09P24A00-D	AC09P24A00-F	AC09P24A00-F-D	AC101A00	AC101A00-F	AC102A00	AC102A00-D	AC102A00-F	AC102A00-F-D	AC103A00
SAMPLE	AC09P22A00F	AC09P23A00	AC09P23A00F	AC09P24A00	FD12010001	AC09P24A00F	FD12010001F	AC101A00	AC101A00F	AC102A00	FD06230001	AC102A00F	FD06230001F	AC103A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/6/2000	9/15/2000	9/15/2000	12/1/2000	12/1/2000	12/1/2000	12/1/2000	4/1/2000	4/1/2000	6/23/2000	6/23/2000	6/23/2000	6/23/2000	9/8/2000
4-CHLOROPHENYL PHENYL ETHER														
4-METHYLPHENOL														
4-NITROANILINE														
4-NITROPHENOL														
4-NITROQUINOLINE-1-OXIDE														
5-NITRO-O-TOLUIDINE														
7,12-DIMETHYLBENZ(A)ANTHRACENE														
A,A-DIMETHYLPHENETHYLAMINE														
ACENAPHTHENE														
ACENAPHTHYLENE														
ACETOPHENONE														
ANILINE														
ANTHRACENE														
BENZO(A)ANTHRACENE														
BENZO(A)PYRENE														
BENZO(B)FLUORANTHENE														
BENZO(G,H,I)PERYLENE														
BENZO(K)FLUORANTHENE														
BENZYL ALCOHOL														
BIS(2-CHLOROETHOXY)METHANE														
BIS(2-CHLOROETHYL)ETHER														
BIS(2-ETHYLHEXYL)PHTHALATE														
BUTYL BENZYL PHTHALATE														
CHLOROBENZILATE														
CHRYSENE														
DI-N-BUTYL PHTHALATE														
DI-N-OCTYL PHTHALATE														
DIALLATE														
DIBENZO(A,H)ANTHRACENE														
DIBENZOFURAN														
DIETHYL PHTHALATE														
DIMETHOATE														
DIMETHYL PHTHALATE														
DIPHENYLAMINE														
DISULFOTON														
ETHYL METHANE SULFONATE														
ETHYL PARATHION														
FAMPHUR														
FLUORANTHENE														
FLUORENE														
HEXACHLOROBENZENE														
HEXACHLOROBUTADIENE														
HEXACHLOROCYCLOPENTADIENE														
HEXACHLOROETHANE														
HEXACHLOROPROPENE														
INDENO(1,2,3-CD)PYRENE														
ISODRIN														
ISOPHORONE														
ISOSAFROLE														

LOCATION	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C10	03C10	03C10	03C10	03C10	03C10	03C10
NSAMPLE	AC09P22A00-F	AC09P23A00	AC09P23A00-F	AC09P24A00	AC09P24A00-D	AC09P24A00-F	AC09P24A00-F-D	AC101A00	AC101A00-F	AC102A00	AC102A00-D	AC102A00-F	AC102A00-F-D	AC103A00
SAMPLE	AC09P22A00F	AC09P23A00	AC09P23A00F	AC09P24A00	FD12010001	AC09P24A00F	FD12010001F	AC101A00	AC101A00F	AC102A00	FD06230001	AC102A00F	FD06230001F	AC103A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/6/2000	9/15/2000	9/15/2000	12/1/2000	12/1/2000	12/1/2000	12/1/2000	4/1/2000	4/1/2000	6/23/2000	6/23/2000	6/23/2000	6/23/2000	9/8/2000
KEPONE														
METHAPYRILENE														
METHYL METHANE SULFONATE														
METHYL PARATHION														
N-NITROSO-DI-N-BUTYLAMINE														
N-NITROSO-DI-N-PROPYLAMINE														
N-NITROSODIETHYLAMINE														
N-NITROSODIMETHYLAMINE														
N-NITROSOMETHYLETHYLAMINE														
N-NITROSOMORPHOLINE														
N-NITROSOPIPERIDINE														
N-NITROSOPYRROLIDINE														
NAPHTHALENE														
O,O,O-TRIETHYL PHOSPHOROTHIOAT														
O-TOLUIDINE														
P-(DIMETHYLAMINO)AZOBENZENE														
PENTACHLOROBENZENE														
PENTACHLOROETHANE														
PENTACHLORONITROBENZENE														
PENTACHLOROPHENOL														
PHENACETIN														
PHENANTHRENE														
PHENOL														
PHORATE														
PRONAMIDE														
PYRENE														
PYRIDINE														
SAFROLE														
SULFOTEPP														
THIONAZIN														
Pesticides/PCBs (ug/L)														
4,4'-DDD														
4,4'-DDE														
4,4'-DDT														
ALDRIN														
ALPHA-BHC														
AROCLOR-1016														
AROCLOR-1221														
AROCLOR-1232														
AROCLOR-1242														
AROCLOR-1248														
AROCLOR-1254														
AROCLOR-1260														
BETA-BHC														
CHLORDANE														
DELTA-BHC														
DIELDRIN														
ENDOSULFAN I														
ENDOSULFAN II														

LOCATION	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C10	03C10	03C10	03C10	03C10	03C10	03C10
NSAMPLE	AC09P22A00-F	AC09P23A00	AC09P23A00-F	AC09P24A00	AC09P24A00-D	AC09P24A00-F	AC09P24A00-F-D	AC101A00	AC101A00-F	AC102A00	AC102A00-D	AC102A00-F	AC102A00-F-D	AC103A00
SAMPLE	AC09P22A00F	AC09P23A00	AC09P23A00F	AC09P24A00	FD12010001	AC09P24A00F	FD12010001F	AC101A00	AC101A00F	AC102A00	FD06230001	AC102A00F	FD06230001F	AC103A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/6/2000	9/15/2000	9/15/2000	12/1/2000	12/1/2000	12/1/2000	12/1/2000	4/1/2000	4/1/2000	6/23/2000	6/23/2000	6/23/2000	6/23/2000	9/8/2000
ENDOSULFAN SULFATE														
ENDRIN														
ENDRIN ALDEHYDE														
GAMMA-BHC (LINDANE)														
HEPTACHLOR														
HEPTACHLOR EPOXIDE														
METHOXYCHLOR														
TOXAPHENE														
Explosives (ug/L)														
1,3,5-TRINITROBENZENE		0.46 U		0.99 U	0.87999 U			0.94999 U		0.55 U	0.82999 U			0.87 U
1,3-DINITROBENZENE		0.46 U		0.99 U	0.87999 U			0.94999 U		0.55 U	0.82999 U			0.87 U
2,4,6-TRINITROTOLUENE		0.46 U		0.99 U	0.87999 U			0.94999 U		0.55 U	0.82999 U			0.87 U
2,4-DIAMINO-6-NITROTOLUENE								0.94999 U		0.55 U	0.82999 U			0.87 U
2,4-DINITROTOLUENE		0.46 U		0.99 U	0.87999 U			0.94999 U		0.55 U	0.82999 U			0.87 U
2,6-DIAMINO-4-NITROTOLUENE								0.94999 U		0.8	0.95999			0.87 U
2,6-DINITROTOLUENE		1.3		1	1.1			0.94999 U		0.55 U	0.82999 U			0.87 U
2-AMINO-4,6-DINITROTOLUENE		0.46 U		0.99 U	0.87999 U			0.94999 U		0.55 U	0.82999 U			0.87 U
2-NITROTOLUENE		0.46 U		0.99 U	0.87999 U			0.94999 U		0.55 U	0.82999 U			0.87 U
3,5-DINITROANILINE								0.94999 U		0.55 U	0.82999 U			0.87 U
3-NITROTOLUENE		0.46 U		0.99 U	0.87999 U			0.94999 U		0.55 U	0.82999 U			0.87 U
4,4'-TN-AZOXY								0.94999 U		0.55 U	0.82999 U			0.87 U
4-AMINO-2,6-DINITROTOLUENE		0.46 U		0.99 U	0.87999 U			0.94999 U		0.70999	0.82999 U			1
4-NITROTOLUENE		0.46 U		0.99 U	0.87999 U			0.94999 U		0.55 U	0.82999 U			0.87 U
HMX		4		5.4	5.1			9.3		8.7	10			8.8
MNX								2.8		2.2	2.6			3.1
NITROBENZENE		0.46 U		0.99 U	0.87999 U			0.94999 U		0.55 U	0.82999 U			0.87 U
NITROCELLULOSE		1000 U		1000 U	1000 U			1000 U		1000 U	1000 U			1000 U
NITROGLYCERIN		4.5 U		9.9 U	8.8 U			9.5 U		5.5 U	8.3 U			8.7 U
PETN		2.2 U		4.9 U	4.4 U			4.7 U		2.7 U	4.1 U			4.3 U
PICRAMIC ACID								0.99 U		1.1 U	1.1 U			1 U
PICRIC ACID								0.99 U		1.1 U	1.1 U			1 U
RDX		150		170	170			130		110	130			120
TETRYL		0.46 U		0.99 U	0.87999 U			0.94999 U		0.55 U	0.82999 U			0.87 U
TNX								1.8		0.55 U	0.82999 U			0.87 U
Herbicides (ug/L)														
2,4,5-T														
2,4,5-TP (SILVEX)														
2,4-D														
DINOSEB														
HEXACHLOROPHENE														
Dioxins/Furans (pg/L)														
1,2,3,4,6,7,8,9-OCDD														
1,2,3,4,6,7,8,9-OCDF														
1,2,3,4,6,7,8-HPCDD														
1,2,3,4,6,7,8-HPCDF														
1,2,3,4,7,8,9-HPCDF														
1,2,3,4,7,8-HXCDD														
1,2,3,4,7,8-HXCDF														
1,2,3,6,7,8-HXCDD														

LOCATION	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C10	03C10	03C10	03C10	03C10	03C10	03C10
NSAMPLE	AC09P22A00-F	AC09P23A00	AC09P23A00-F	AC09P24A00	AC09P24A00-D	AC09P24A00-F	AC09P24A00-F-D	AC101A00	AC101A00-F	AC102A00	AC102A00-D	AC102A00-F	AC102A00-F-D	AC103A00
SAMPLE	AC09P22A00F	AC09P23A00	AC09P23A00F	AC09P24A00	FD12010001	AC09P24A00F	FD12010001F	AC101A00	AC101A00F	AC102A00	FD06230001	AC102A00F	FD06230001F	AC103A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/6/2000	9/15/2000	9/15/2000	12/1/2000	12/1/2000	12/1/2000	12/1/2000	4/1/2000	4/1/2000	6/23/2000	6/23/2000	6/23/2000	6/23/2000	9/8/2000
1,2,3,6,7,8-HXCDF														
1,2,3,7,8,9-HXCDD														
1,2,3,7,8,9-HXCDF														
1,2,3,7,8-PECDD														
1,2,3,7,8-PECDF														
2,3,4,6,7,8-HXCDF														
2,3,4,7,8-PECDF														
2,3,7,8-TCDD														
2,3,7,8-TCDF														
TOTAL HPCDD														
TOTAL HPCDF														
TOTAL HXCDD														
TOTAL HXCDF														
TOTAL PECDD														
TOTAL PECDF														
TOTAL TCDD														
TOTAL TCDF														
Total Inorganics (ug/L)														
ANTIMONY		1.1 U		1.1 U	1.1 U			1.1 U		1.1 U	1.1 U	1 U	1 U	1.1 U
ARSENIC		1.1 U		1.1 U	1.1 U			1.1 U		1.1 U	1.1 U	1 U	1 U	1.1 U
BARIUM		16.2		15.1	15.2			45.1		51.2	50.6	50.3	50.5	48.5
BERYLLIUM		1.1 U		1.1 U	1.1 U			1.1 U		1.1 U	1.1 U	1 U	1 U	1.1 U
CADMIUM		1.1 U		1.1 U	1.1 U			1.1 U		1.1 U	1.1 U	1 U	1 U	1.1 U
CALCIUM												94900	94400	
CHROMIUM		5.6 U		5.6 U	5.6 U			5.6 U		5.6 U	5.6 U	5	5 U	5.6 U
COBALT		3.3 U		3.3 U	3.3 U			3.3 U		3.3 U	3.3 U	3 U	3 U	3.3 U
COPPER		2.2 U		2.2 U	2.2 U			2.2 U		2.2 U	2.2 U	2 U	2 U	2.2 U
IRON								111 U		111 U	111 U			236
LEAD		1.1 U		1.1 U	1.1 U			1.1 U		1.1 U	1.1 U	1 U	1 U	1.1 U
MAGNESIUM												12300	12200	
MANGANESE		34.4		16.7 U	16.7 U			16.7 U		16.7 U	16.7 U	15 U	15 U	16.7 U
MERCURY		0.2 U		0.2 U	0.2 U			0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NICKEL		11.1 U		11.1 U	11.1 U			11.1 U		11.1 U	11.1 U	10 U	10 U	11.1 U
POTASSIUM												1000 U	1000 U	
SELENIUM		2.7		1.6	1.7			1.9		2.3	2.6	1.3	1.4	3.5
SILVER		3.3 U		3.3 U	3.3 U			3.3 U		3.3 U	3.3 U	3 U	3 U	3.3 U
SODIUM												7080	7070	
THALLIUM		1.1 U		1.1 U	1.1 U			1.1 U		1.1 U	1.1 U	1 U	1 U	1.1 U
TIN		11.1 U		11.1 U	11.1 U			11.1 U		11.1 U	11.1 U	10 U	10 U	11.1 U
VANADIUM		2.2 U		2.2 U	2.2 U			2.2 U		2.2 U	2.2 U	2 U	2 U	2.2 U
ZINC		24.8		11.1 U	11.1 U			11.1 U		11.1 U	14.4	10 U	10 U	11.1 U
Dissolved Inorganics (ug/L)														
ANTIMONY	1 U		1 U			1 U	1 U		1.1 U			1 U	1 U	
ARSENIC	1 U		1 U			1 U	1 U		1.1 U			1 U	1 U	
BARIUM	15.4		13.4			14.7	14.2		45.4			50.3	50.5	
BERYLLIUM	1 U		1 U			1 U	1 U		1.1 U			1 U	1 U	
CADMIUM	1 U		1 U			1 U	1 U		1.1 U			1 U	1 U	
CALCIUM	73500		55300						91600			94900	94400	
CHROMIUM	5 U		5 U			5 U	5 U		5.6 U			5	5 U	

LOCATION	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C10	03C10	03C10	03C10	03C10	03C10	03C10
NSAMPLE	AC09P22A00-F	AC09P23A00	AC09P23A00-F	AC09P24A00	AC09P24A00-D	AC09P24A00-F	AC09P24A00-F-D	AC101A00	AC101A00-F	AC102A00	AC102A00-D	AC102A00-F	AC102A00-F-D	AC103A00
SAMPLE	AC09P22A00F	AC09P23A00	AC09P23A00F	AC09P24A00	FD12010001	AC09P24A00F	FD12010001F	AC101A00	AC101A00F	AC102A00	FD06230001	AC102A00F	FD06230001F	AC103A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/6/2000	9/15/2000	9/15/2000	12/1/2000	12/1/2000	12/1/2000	12/1/2000	4/1/2000	4/1/2000	6/23/2000	6/23/2000	6/23/2000	6/23/2000	9/8/2000
COBALT	3 U		3 U			3 U	3 U		3.3 U			3 U	3 U	
COPPER	2 U		2 U			2 U	2 U		2.2 U			2 U	2 U	
IRON														
LEAD	1 U		1 U			1 U	1 U		1.1 U			1 U	1 U	
MAGNESIUM	14600		12600						11400			12300	12200	
MANGANESE	15 U		15 U			15 U	15 U		16.7 U			15 U	15 U	
MERCURY	0.2 U		0.2 U			0.2 U	0.2 U		0.2 U			0.2 U	0.2 U	
NICKEL	10 U		10 U			10 U	10 U		11.1 U			10 U	10 U	
POTASSIUM	1200		1110						1110 U			1000 U	1000 U	
SELENIUM	1.1		1.1			1.1	1.1		1.8			1.3	1.4	
SILVER	3 U		3 U			3 U	3 U		3.3 U			3 U	3 U	
SODIUM	4380		4140						6820			7080	7070	
THALLIUM	1 U		1 U			1 U	1 U		1.1 U			1 U	1 U	
TIN	10 U		10 U			10 U	10 U		11.1 U			10 U	10 U	
VANADIUM	2 U		2 U			2 U	2 U		2.2 U			2 U	2 U	
ZINC	10 U		10 U			10 U	10 U		11.1 U			10 U	10 U	
Miscellaneous Parameters														
CHLORIDE (MG/L)				5	5			9.4						
CYANIDE (MG/L)				0.01999 UJ	0.01999 UJ			0.01 U						
ETHANE (NG/L)										5 U	5 U			
ETHENE (NG/L)										5 U	5 U			
METHANE (NG/L)														
METHANE (UG/L)										0.133	0.168			
PHOSPHORUS (ELEMENTAL) (MG/L)				0.03999	0.05			0.1 U						
SULFATE (MG/L)				52	53			62						
SULFIDE (MG/L)								1 U						
TOTAL ORGANIC CARBON (MG/L)				1.2	1.1			1 U						
TOTAL ORGANIC HALIDES (MG/L)				0.09	0.14			0.03999						
Dissolved Miscellaneous Parameters														
PHOSPHORUS (ELEMENTAL) (MG/L)	0.05					0.02999	0.02999		0.1 U			0.1 U	0.1 U	

LOCATION	03C10	03C10	03C10	03C11	03C11	03C11	03C11	03C11	03C11	03C11	03C11	03C12	03C12	03C12	03C12
NSAMPLE	AC103A00-F	AC104A00	AC104A00-F	AC111A00	AC111A00-F	AC112A00	AC112A00-F	AC113A00	AC113A00-F	AC114A00	AC114A00-F	AC121A00	AC121A00-F	AC122A00	AC122A00-F
SAMPLE	AC103A00F	AC104A00	AC104A00F	AC111A00	AC111A00F	AC112A00	AC112A00F	AC113A00	AC113A00F	AC114A00	AC114A00F	AC121A00	AC121A00F	AC122A00	AC122A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/8/2000	12/1/2000	12/1/2000	3/22/2000	3/22/2000	6/6/2000	6/6/2000	9/15/2000	9/15/2000	12/11/2000	12/11/2000	3/15/2000	3/15/2000	6/5/2000	6/5/2000
Volatile Organics (ug/L)															
1,1,1,2-TETRACHLOROETHANE															
1,1,1-TRICHLOROETHANE		0.5 U		0.5 U						0.5 U		0.5 U			
1,1,2,2-TETRACHLOROETHANE															
1,1,2-TRICHLOROETHANE															
1,1-DICHLOROETHANE		0.5 U		0.5 U						0.5 U		0.5 U			
1,1-DICHLOROETHENE		0.5 U		0.5 U						0.5 U		0.5 U			
1,1-DICHLOROPROPENE															
1,2,3-TRICHLOROBENZENE															
1,2,3-TRICHLOROPROPANE															
1,2-DIBROMO-3-CHLOROPROPANE															
1,2-DIBROMOETHANE															
1,2-DICHLOROETHANE		26		0.5 U						0.5 U		0.5 U			
1,2-DICHLOROPROPANE															
1,3-DICHLOROPROPANE															
1,4-DIOXANE															
2,2-DICHLOROPROPANE															
2-BUTANONE															
2-HEXANONE															
3-CHLOROPROPENE															
4-METHYL-2-PENTANONE															
ACETONE															
ACETONITRILE															
ACROLEIN															
ACRYLONITRILE															
BENZENE		0.5 U		0.5 U						0.5 U		0.5 U			
BROMOCHLOROMETHANE															
BROMODICHLOROMETHANE															
BROMOFORM															
BROMOMETHANE															
CARBON DISULFIDE															
CARBON TETRACHLORIDE		1.2		0.3 U						0.3 U		0.3 U			
CHLOROBENZENE															
CHLORODIBROMOMETHANE															
CHLOROETHANE		0.5 U		0.5 U						0.5 U		0.5 U			
CHLOROFORM		2.3		2.2						2.5		0.3 U			
CHLOROMETHANE															
CHLOROPRENE															
CIS-1,2-DICHLOROETHENE		0.5 U		8.1						8.4		0.6			
CIS-1,3-DICHLOROPROPENE															
DIBROMOMETHANE															
DICHLORODIFLUOROMETHANE															
ETHYL METHACRYLATE															
ETHYLBENZENE		0.5 U		0.5 U						0.5 U		0.5 U			
ISOBUTANOL															
M+P-XYLENES															
M-XYLENE															
METHACRYLONITRILE															
METHYL IODIDE															

LOCATION	03C10	03C10	03C10	03C11	03C11	03C11	03C11	03C11	03C11	03C11	03C11	03C12	03C12	03C12	03C12
NSAMPLE	AC103A00-F	AC104A00	AC104A00-F	AC111A00	AC111A00-F	AC112A00	AC112A00-F	AC113A00	AC113A00-F	AC114A00	AC114A00-F	AC121A00	AC121A00-F	AC122A00	AC122A00-F
SAMPLE	AC103A00F	AC104A00	AC104A00F	AC111A00	AC111A00F	AC112A00	AC112A00F	AC113A00	AC113A00F	AC114A00	AC114A00F	AC121A00	AC121A00F	AC122A00	AC122A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/8/2000	12/1/2000	12/1/2000	3/22/2000	3/22/2000	6/6/2000	6/6/2000	9/15/2000	9/15/2000	12/11/2000	12/11/2000	3/15/2000	3/15/2000	6/5/2000	6/5/2000
METHYL METHACRYLATE															
METHYLENE CHLORIDE		1 U		1 U						1 U		1 U			
O-XYLENE															
PROPIONITRILE															
STYRENE															
TETRACHLOROETHENE		0.5 U		0.5 U						0.5 U		0.5 U			
TOLUENE		0.5 U		0.5 U						0.5 U		0.5 U			
TOTAL XYLENES		1 U		1 U						1 U		0.5 U			
TRANS-1,2-DICHLOROETHENE		0.5 U		0.5 U						0.5 U		0.5 U			
TRANS-1,3-DICHLOROPROPENE															
TRANS-1,4-DICHLORO-2-BUTENE															
TRICHLOROETHENE		68		2200		2500		2300		2300		21		20	
TRICHLOROFLUOROMETHANE															
VINYL ACETATE															
VINYL CHLORIDE		0.5 U		0.5 U						0.5 U		0.5 U			
Semivolatile Organics (ug/L)															
1,2,4,5-TETRACHLOROBENZENE															
1,2,4-TRICHLOROBENZENE															
1,2-DICHLOROBENZENE															
1,3-DICHLOROBENZENE															
1,4-DICHLOROBENZENE															
1,4-NAPHTHOQUINONE															
1,4-PHENYLENEDIAMINE															
1-NAPHTHYLAMINE															
2,2'-OXYBIS(1-CHLOROPROPANE)															
2,3,4,6-TETRACHLOROPHENOL															
2,4,5-TRICHLOROPHENOL															
2,4,6-TRICHLOROPHENOL															
2,4-DICHLOROPHENOL															
2,4-DIMETHYLPHENOL															
2,4-DINITROPHENOL															
2,6-DICHLOROPHENOL															
2-ACETYLAMINOFLUORENE															
2-CHLORONAPHTHALENE															
2-CHLOROPHENOL															
2-METHYLNAPHTHALENE															
2-METHYLPHENOL															
2-NAPHTHYLAMINE															
2-NITROANILINE															
2-NITROPHENOL															
2-PICOLINE															
3,3'-DICHLOROBENZIDINE															
3,3'-DIMETHYLBENZIDINE															
3-NITROANILINE															
4,6-DINITRO-2-METHYLPHENOL															
4-AMINOBIPHENYL															
4-BROMOPHENYL PHENYL ETHER															
4-CHLORO-3-METHYLPHENOL															
4-CHLOROANILINE															

LOCATION	03C10	03C10	03C10	03C11	03C11	03C11	03C11	03C11	03C11	03C11	03C11	03C12	03C12	03C12	03C12
NSAMPLE	AC103A00-F	AC104A00	AC104A00-F	AC111A00	AC111A00-F	AC112A00	AC112A00-F	AC113A00	AC113A00-F	AC114A00	AC114A00-F	AC121A00	AC121A00-F	AC122A00	AC122A00-F
SAMPLE	AC103A00F	AC104A00	AC104A00F	AC111A00	AC111A00F	AC112A00	AC112A00F	AC113A00	AC113A00F	AC114A00	AC114A00F	AC121A00	AC121A00F	AC122A00	AC122A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/8/2000	12/1/2000	12/1/2000	3/22/2000	3/22/2000	6/6/2000	6/6/2000	9/15/2000	9/15/2000	12/11/2000	12/11/2000	3/15/2000	3/15/2000	6/5/2000	6/5/2000
4-CHLOROPHENYL PHENYL ETHER															
4-METHYLPHENOL															
4-NITROANILINE															
4-NITROPHENOL															
4-NITROQUINOLINE-1-OXIDE															
5-NITRO-O-TOLUIDINE															
7,12-DIMETHYLBENZ(A)ANTHRACENE															
A,A-DIMETHYLPHENETHYLAMINE															
ACENAPHTHENE															
ACENAPHTHYLENE															
ACETOPHENONE															
ANILINE															
ANTHRACENE															
BENZO(A)ANTHRACENE															
BENZO(A)PYRENE															
BENZO(B)FLUORANTHENE															
BENZO(G,H,I)PERYLENE															
BENZO(K)FLUORANTHENE															
BENZYL ALCOHOL															
BIS(2-CHLOROETHOXY)METHANE															
BIS(2-CHLOROETHYL)ETHER															
BIS(2-ETHYLHEXYL)PHTHALATE															
BUTYL BENZYL PHTHALATE															
CHLOROBENZILATE															
CHRYSENE															
DI-N-BUTYL PHTHALATE															
DI-N-OCTYL PHTHALATE															
DIALLATE															
DIBENZO(A,H)ANTHRACENE															
DIBENZOFURAN															
DIETHYL PHTHALATE															
DIMETHOATE															
DIMETHYL PHTHALATE															
DIPHENYLAMINE															
DISULFOTON															
ETHYL METHANE SULFONATE															
ETHYL PARATHION															
FAMPHUR															
FLUORANTHENE															
FLUORENE															
HEXACHLOROBENZENE															
HEXACHLOROBUTADIENE															
HEXACHLOROCYCLOPENTADIENE															
HEXACHLOROETHANE															
HEXACHLOROPROPENE															
INDENO(1,2,3-CD)PYRENE															
ISODRIN															
ISOPHORONE															
ISOSAFROLE															

LOCATION	03C10	03C10	03C10	03C11	03C11	03C11	03C11	03C11	03C11	03C11	03C11	03C12	03C12	03C12	03C12
NSAMPLE	AC103A00-F	AC104A00	AC104A00-F	AC111A00	AC111A00-F	AC112A00	AC112A00-F	AC113A00	AC113A00-F	AC114A00	AC114A00-F	AC121A00	AC121A00-F	AC122A00	AC122A00-F
SAMPLE	AC103A00F	AC104A00	AC104A00F	AC111A00	AC111A00F	AC112A00	AC112A00F	AC113A00	AC113A00F	AC114A00	AC114A00F	AC121A00	AC121A00F	AC122A00	AC122A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/8/2000	12/1/2000	12/1/2000	3/22/2000	3/22/2000	6/6/2000	6/6/2000	9/15/2000	9/15/2000	12/11/2000	12/11/2000	3/15/2000	3/15/2000	6/5/2000	6/5/2000
KEPONE															
METHAPYRILENE															
METHYL METHANE SULFONATE															
METHYL PARATHION															
N-NITROSO-DI-N-BUTYLAMINE															
N-NITROSO-DI-N-PROPYLAMINE															
N-NITROSODIETHYLAMINE															
N-NITROSODIMETHYLAMINE															
N-NITROSOMETHYLETHYLAMINE															
N-NITROSOMORPHOLINE															
N-NITROSOPIPERIDINE															
N-NITROSOPYRROLIDINE															
NAPHTHALENE															
O,O,O-TRIETHYL PHOSPHOROTHIOAT															
O-TOLUIDINE															
P-(DIMETHYLAMINO)AZOBENZENE															
PENTACHLOROBENZENE															
PENTACHLOROETHANE															
PENTACHLORONITROBENZENE															
PENTACHLOROPHENOL															
PHENACETIN															
PHENANTHRENE															
PHENOL															
PHORATE															
PRONAMIDE															
PYRENE															
PYRIDINE															
SAFROLE															
SULFOTEPP															
THIONAZIN															
Pesticides/PCBs (ug/L)															
4,4'-DDD															
4,4'-DDE															
4,4'-DDT															
ALDRIN															
ALPHA-BHC															
AROCLOR-1016															
AROCLOR-1221															
AROCLOR-1232															
AROCLOR-1242															
AROCLOR-1248															
AROCLOR-1254															
AROCLOR-1260															
BETA-BHC															
CHLORDANE															
DELTA-BHC															
DIELDRIN															
ENDOSULFAN I															
ENDOSULFAN II															

LOCATION	03C10	03C10	03C10	03C11	03C11	03C11	03C11	03C11	03C11	03C11	03C11	03C12	03C12	03C12	03C12
NSAMPLE	AC103A00-F	AC104A00	AC104A00-F	AC111A00	AC111A00-F	AC112A00	AC112A00-F	AC113A00	AC113A00-F	AC114A00	AC114A00-F	AC121A00	AC121A00-F	AC122A00	AC122A00-F
SAMPLE	AC103A00F	AC104A00	AC104A00F	AC111A00	AC111A00F	AC112A00	AC112A00F	AC113A00	AC113A00F	AC114A00	AC114A00F	AC121A00	AC121A00F	AC122A00	AC122A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/8/2000	12/1/2000	12/1/2000	3/22/2000	3/22/2000	6/6/2000	6/6/2000	9/15/2000	9/15/2000	12/11/2000	12/11/2000	3/15/2000	3/15/2000	6/5/2000	6/5/2000
ENDOSULFAN SULFATE															
ENDRIN															
ENDRIN ALDEHYDE															
GAMMA-BHC (LINDANE)															
HEPTACHLOR															
HEPTACHLOR EPOXIDE															
METHOXYCHLOR															
TOXAPHENE															
Explosives (ug/L)															
1,3,5-TRINITROBENZENE		0.94999 U		1.2 U				1.6 U		0.83999 U		0.46 U			
1,3-DINITROBENZENE		0.94999 U		1.2 U				1.6 U		0.83999 U		0.46 U			
2,4,6-TRINITROTOLUENE		0.94999 U		1.2 U				1.6 U		0.83999 U		0.46 U			
2,4-DIAMINO-6-NITROTOLUENE		0.94999 U		1.2 U				1.6 U		0.83999 U		0.46 U			
2,4-DINITROTOLUENE		0.94999 U		1.2 U				1.6 U		0.83999 U		0.46 U			
2,6-DIAMINO-4-NITROTOLUENE		0.94999 U		1.2 U				1.6 U		0.83999 U		0.46 U			
2,6-DINITROTOLUENE		0.94999 U		1.2 U				1.6 U		0.83999 U		0.46 U			
2-AMINO-4,6-DINITROTOLUENE		0.94999 U		1.2 U				1.6 U		0.83999 U		0.46 U			
2-NITROTOLUENE		0.94999 U		1.2 U				1.6 U		0.83999 U		0.46 U			
3,5-DINITROANILINE		0.94999 U		1.2 U				1.6 U		0.83999 U		0.46 U			
3-NITROTOLUENE		0.94999 U		1.2 U				1.6 U		0.83999 U		0.46 U			
4,4'-TN-AZOXY		0.94999 U		1.2 U				1.6 U		0.83999 U		0.46 U			
4-AMINO-2,6-DINITROTOLUENE		1.4		1.2 U				1.6 U		0.83999 U		0.46 U			
4-NITROTOLUENE		0.94999 U		1.2 U				1.6 U		0.83999 U		0.46 U			
HMX		9.8		7.6				8.1		7.4		24			
MNX		0.94999 U		1.2 U				1.6 U		0.83999 U		0.46 U			
NITROBENZENE		0.94999 U		1.2 U				1.6 U		0.83999 U		0.46 U			
NITROCELLULOSE		1000 U		1000 U				1000 U		1000 U					
NITROGLYCERIN		9.5 U		12 U				16 U		8.4 U		4.5 U			
PETN		4.7 U		5.7 U				7.7 U		4.2 U		2.2 U			
PICRAMIC ACID		2.2		1.1 U				1.1 U		1 U		1 U			
PICRIC ACID		1 U		1.1 U				1.1 U		1 U		1 U			
RDX		130		31		29		35		32		12		26	
TETRYL		0.94999 U		1.2 U				1.6 U		0.83999 U		0.46 U			
TNX		0.94999 U		1.2 U				1.6 U		0.83999 U		0.46 U			
Herbicides (ug/L)															
2,4,5-T															
2,4,5-TP (SILVEX)															
2,4-D															
DINOSEB															
HEXACHLOROPHENE															
Dioxins/Furans (pg/L)															
1,2,3,4,6,7,8,9-OCDD															
1,2,3,4,6,7,8,9-OCDF															
1,2,3,4,6,7,8-HPCDD															
1,2,3,4,6,7,8-HPCDF															
1,2,3,4,7,8,9-HPCDF															
1,2,3,4,7,8-HXCDD															
1,2,3,4,7,8-HXCDF															
1,2,3,6,7,8-HXCDD															

LOCATION	03C10	03C10	03C10	03C11	03C11	03C11	03C11	03C11	03C11	03C11	03C11	03C12	03C12	03C12	03C12
NSAMPLE	AC103A00-F	AC104A00	AC104A00-F	AC111A00	AC111A00-F	AC112A00	AC112A00-F	AC113A00	AC113A00-F	AC114A00	AC114A00-F	AC121A00	AC121A00-F	AC122A00	AC122A00-F
SAMPLE	AC103A00F	AC104A00	AC104A00F	AC111A00	AC111A00F	AC112A00	AC112A00F	AC113A00	AC113A00F	AC114A00	AC114A00F	AC121A00	AC121A00F	AC122A00	AC122A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/8/2000	12/1/2000	12/1/2000	3/22/2000	3/22/2000	6/6/2000	6/6/2000	9/15/2000	9/15/2000	12/11/2000	12/11/2000	3/15/2000	3/15/2000	6/5/2000	6/5/2000
1,2,3,6,7,8-HXCDF															
1,2,3,7,8,9-HXCDD															
1,2,3,7,8,9-HXCDF															
1,2,3,7,8-PECDD															
1,2,3,7,8-PECDF															
2,3,4,6,7,8-HXCDF															
2,3,4,7,8-PECDF															
2,3,7,8-TCDD															
2,3,7,8-TCDF															
TOTAL HPCDD															
TOTAL HPCDF															
TOTAL HXCDD															
TOTAL HXCDF															
TOTAL PECDD															
TOTAL PECDF															
TOTAL TCDD															
TOTAL TCDF															
Total Inorganics (ug/L)															
ANTIMONY		1.1 U		1.1 U				1.1 U		1.1 U		1.1 U			
ARSENIC		1.1 U		1.1 U				1.1 U		1.1 U		1.1 U			
BARIUM		47.1		23.6				24		23.7		92.1			
BERYLLIUM		1.1 U		1.1 U				1.1 U		1.1 U		1.1 U			
CADMIUM		1.1 U		1.1 U				1.1 U		1.1 U		1.1 U			
CALCIUM															
CHROMIUM		5.6 U		5.6 U				5.6 U		5.6 U		5.6 U			
COBALT		3.3 U		3.3 U				3.3 U		3.3 U		3.3 U			
COPPER		2.2 U		2.2 U				2.2 U		2.2 U		2.2 U			
IRON		258		111 U				577		527		111 U			
LEAD		1.1 U		1.1 U				1.1 U		1.1 U		1.1 U			
MAGNESIUM															
MANGANESE		16.7 U		16.7 U				16.7 U		16.7 U		16.7 U			
MERCURY		0.2 U		0.2 U				0.2 U		0.2 U		0.2 U			
NICKEL		11.1 U		11.1 U				11.1 U		11.1 U		11.1 U			
POTASSIUM															
SELENIUM		2.8		3.2				6.2		4.4		1.1			
SILVER		3.3 U		3.3 U				3.3 U		3.3 U		3.3 U			
SODIUM															
THALLIUM		1.1 U		1.1 U				1.1 U		1.1 U		1.1 U			
TIN		11.1 U		11.1 U				11.1 U		11.1 U		11.1 U			
VANADIUM		2.2 U		2.2 U				2.2 U		2.2 U		2.2 U			
ZINC		11.1 U		11.1 U				11.1 U		39.3		11.1 U			
Dissolved Inorganics (ug/L)															
ANTIMONY	1 U		1 U		1.1 U		1 U		1 U		1 U		1.1 U		1 U
ARSENIC	1 U		1 U		1.1 U		1 U		1 U		1 U		1.1 U		1 U
BARIUM	44.8		48.6		22.4		24.9		22.6		22.6		96		102
BERYLLIUM	1 U		1 U		1.1 U		1 U		1 U		1 U		1.1 U		1 U
CADMIUM	1 U		1 U		1.1 U		1 U		1 U		1 U		1.1 U		1 U
CALCIUM	72800				0		225000		172000				0		96000
CHROMIUM	6.1		5		5.6 U		5 U		7.9		7.1		5.6 U		5 U

LOCATION	03C10	03C10	03C10	03C11	03C11	03C11	03C11	03C11	03C11	03C11	03C11	03C12	03C12	03C12	03C12
NSAMPLE	AC103A00-F	AC104A00	AC104A00-F	AC111A00	AC111A00-F	AC112A00	AC112A00-F	AC113A00	AC113A00-F	AC114A00	AC114A00-F	AC121A00	AC121A00-F	AC122A00	AC122A00-F
SAMPLE	AC103A00F	AC104A00	AC104A00F	AC111A00	AC111A00F	AC112A00	AC112A00F	AC113A00	AC113A00F	AC114A00	AC114A00F	AC121A00	AC121A00F	AC122A00	AC122A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/8/2000	12/1/2000	12/1/2000	3/22/2000	3/22/2000	6/6/2000	6/6/2000	9/15/2000	9/15/2000	12/11/2000	12/11/2000	3/15/2000	3/15/2000	6/5/2000	6/5/2000
COBALT	3 U		3 U		3.3 U		3 U		3 U		3 U		3.3 U		3 U
COPPER	2 U		2 U		2.2 U		2 U		2 U		2 U		2.2 U		2 U
IRON															
LEAD	1 U		1 U		1.1 U		1 U		1 U		1 U		1.1 U		1 U
MAGNESIUM	10600				0		117000		97400				6510		7310
MANGANESE	15 U		15 U		16.7 U		15 U		15 U		15 U		16.7 U		15 U
MERCURY	0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U
NICKEL	10 U		10 U		11.1 U		10 U		10 U		10 U		11.1 U		10 U
POTASSIUM	1000 U				3680		3570		3170				1790		2090
SELENIUM	1.4		1.3		3		3		2.8		2.9		1.2		1 U
SILVER	3 U		3 U		3.3 U		3 U		3 U		3 U		3.3 U		3 U
SODIUM	6600				84400		79200		82600 J				10500		13600
THALLIUM	1 U		1 U		1.1 U		1 U		1 U		1 U		1.1 U		1 U
TIN	10 U		10 U		11.1 U		10 U		10 U		10 U		11.1 U		10 U
VANADIUM	2 U		2 U		2.2 U		2 U		2 U		2 U		2.2 U		2 U
ZINC	10 U		10 U		11.2		10 U		10 U		10 U		11.1 U		10 U
Miscellaneous Parameters															
CHLORIDE (MG/L)		9		54						52		30			
CYANIDE (MG/L)		0.01999 UJ		0.1 U						0.01999 UJ		0.1 U			
ETHANE (NG/L)						5 U								5 U	
ETHENE (NG/L)						5 U								5 U	
METHANE (NG/L)						5 U									
METHANE (UG/L)														0.203	
PHOSPHORUS (ELEMENTAL) (MG/L)		0.05999		0.1 U						0.01999 U		0.14			
SULFATE (MG/L)		58 J.		830						640		68			
SULFIDE (MG/L)		1 U		1 U						1 UJ		1 U			
TOTAL ORGANIC CARBON (MG/L)		1.3		1 U						2		1 U			
TOTAL ORGANIC HALIDES (MG/L)		0.1		0.85						0.81		0.01999 U			
Dissolved Miscellaneous Parameters															
PHOSPHORUS (ELEMENTAL) (MG/L)			0.01999 U		0.1 U		0.01999				0.01999		0.10999		0.07999

LOCATION	03C12	03C12	03C12	03C12	03C12	03C12	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C17
NSAMPLE	AC123A00	AC123A00-D	AC123A00-F	AC123A00-F-D	AC124A00	AC124A00-F	AC151A00	AC151A00-F	AC152A00	AC152A00-F	AC153A00	AC153A00-F	AC154A00	AC154A00-F	AC171A00
SAMPLE	AC123A00	FD09130001	AC123A00F	FD09130001F	AC124A00	AC124A00F	AC151A00	AC151A00F	AC152A00	AC152A00F	AC153A00	AC153A00F	AC154A00	AC154A00F	AC171A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/13/2000	9/13/2000	9/14/2000	9/14/2000	12/14/2000	12/14/2000	3/23/2000	3/23/2000	6/7/2000	6/7/2000	9/18/2000	9/18/2000	12/21/2000	12/21/2000	4/1/2000
Volatile Organics (ug/L)															
1,1,1,2-TETRACHLOROETHANE									0.5 U						
1,1,1-TRICHLOROETHANE					0.5 U				0.5 U						
1,1,2,2-TETRACHLOROETHANE									0.5 U						
1,1,2-TRICHLOROETHANE									0.5 U						
1,1-DICHLOROETHANE					0.5 U				0.5 U						
1,1-DICHLOROETHENE					0.5 U		0.5 U		0.5 U				0.5 U		0.5 U
1,1-DICHLOROPROPENE									0.5 U						
1,2,3-TRICHLOROBENZENE									0.5 U						
1,2,3-TRICHLOROPROPANE									1 U						
1,2-DIBROMO-3-CHLOROPROPANE									1 U						
1,2-DIBROMOETHANE									0.5 U						
1,2-DICHLOROETHANE					0.5 U				0.5 U						
1,2-DICHLOROPROPANE									0.5 U						
1,3-DICHLOROPROPANE									0.5 U						
1,4-DIOXANE									100 U						
2,2-DICHLOROPROPANE									0.5 U						
2-BUTANONE									10 U						
2-HEXANONE									10 U						
3-CHLOROPROPENE									10 U						
4-METHYL-2-PENTANONE									10 U						
ACETONE									10 U						
ACETONITRILE									40 U						
ACROLEIN									10 U						
ACRYLONITRILE									3 U						
BENZENE					0.5 U				0.5 U						
BROMOCHLOROMETHANE									0.5 U						
BROMODICHLOROMETHANE									0.5 U						
BROMOFORM									0.5 U						
BROMOMETHANE									1 U						
CARBON DISULFIDE									0.5 U						
CARBON TETRACHLORIDE					0.3 U				0.3 U						
CHLOROBENZENE									0.5 U						
CHLORODIBROMOMETHANE									0.5 U						
CHLOROETHANE					0.5 U				0.5 U						
CHLOROFORM					0.3 U				0.3 U						
CHLOROMETHANE									0.5 U						
CHLOROPRENE									3 U						
CIS-1,2-DICHLOROETHENE					0.89999		0.5 U		0.5 U				0.5 U		0.5 U
CIS-1,3-DICHLOROPROPENE									0.3 U						
DIBROMOMETHANE									0.5 U						
DICHLORODIFLUOROMETHANE									0.5 U						
ETHYL METHACRYLATE									1 U						
ETHYLBENZENE					0.5 U				0.5 U						
ISOBUTANOL									40 U						
M+P-XYLENES															
M-XYLENE									1 U						
METHACRYLONITRILE									1 U						
METHYL IODIDE									0.5 U						

LOCATION	03C12	03C12	03C12	03C12	03C12	03C12	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C17
NSAMPLE	AC123A00	AC123A00-D	AC123A00-F	AC123A00-F-D	AC124A00	AC124A00-F	AC151A00	AC151A00-F	AC152A00	AC152A00-F	AC153A00	AC153A00-F	AC154A00	AC154A00-F	AC171A00
SAMPLE	AC123A00	FD09130001	AC123A00F	FD09130001F	AC124A00	AC124A00F	AC151A00	AC151A00F	AC152A00	AC152A00F	AC153A00	AC153A00F	AC154A00	AC154A00F	AC171A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/13/2000	9/13/2000	9/14/2000	9/14/2000	12/14/2000	12/14/2000	3/23/2000	3/23/2000	6/7/2000	6/7/2000	9/18/2000	9/18/2000	12/21/2000	12/21/2000	4/1/2000
METHYL METHACRYLATE									2 U						
METHYLENE CHLORIDE.					1 U				3 U						
O-XYLENE									1 U						
PROPIONITRILE									40 U						
STYRENE									0.5 U						
TETRACHLOROETHENE					0.5 U				0.5 U						
TOLUENE					0.5 U				0.5 U						
TOTAL XYLENES					1 U										
TRANS-1,2-DICHLOROETHENE					0.5 U		0.5 U		0.5 U				0.5 U		0.5 U
TRANS-1,3-DICHLOROPROPENE									0.5 U						
TRANS-1,4-DICHLORO-2-BUTENE									10 U						
TRICHLOROETHENE	20				25		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U
TRICHLOROFLUOROMETHANE									0.5 U						
VINYL ACETATE									0.5 U						
VINYL CHLORIDE					0.5 U		0.5 U		0.5 U				0.5 U		0.5 U
Semivolatile Organics (ug/L)															
1,2,4,5-TETRACHLOROBENZENE									5 U						
1,2,4-TRICHLOROBENZENE									2 U						
1,2-DICHLOROBENZENE									2 U						
1,3-DICHLOROBENZENE									2 U						
1,4-DICHLOROBENZENE									2 U						
1,4-NAPHTHOQUINONE									5 U						
1,4-PHENYLENEDIAMINE									5 U						
1-NAPHTHYLAMINE									5 U						
2,2'-OXYBIS(1-CHLOROPROPANE)									3 U						
2,3,4,6-TETRACHLOROPHENOL									5 U						
2,4,5-TRICHLOROPHENOL									5 U						
2,4,6-TRICHLOROPHENOL									3 U						
2,4-DICHLOROPHENOL									3 U						
2,4-DIMETHYLPHENOL									5 U						
2,4-DINITROPHENOL									9 U						
2,6-DICHLOROPHENOL									5 U						
2-ACETYLAMINOFLUORENE									5 U						
2-CHLORONAPHTHALENE									2 U						
2-CHLOROPHENOL									3 U						
2-METHYLNAPHTHALENE									2 U						
2-METHYLPHENOL									2 U						
2-NAPHTHYLAMINE									5 U						
2-NITROANILINE									2 U						
2-NITROPHENOL									5 U						
2-PICOLINE									5 U						
3,3'-DICHLOROBENZIDINE									9 U						
3,3'-DIMETHYLBENZIDINE									5 U						
3-NITROANILINE									2 U						
4,6-DINITRO-2-METHYLPHENOL									9 U						
4-AMINOBIPHENYL									5 U						
4-BROMOPHENYL PHENYL ETHER									2 U						
4-CHLORO-3-METHYLPHENOL									2 U						
4-CHLOROANILINE									2 U						

LOCATION	03C12	03C12	03C12	03C12	03C12	03C12	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C17
NSAMPLE	AC123A00	AC123A00-D	AC123A00-F	AC123A00-F-D	AC124A00	AC124A00-F	AC151A00	AC151A00-F	AC152A00	AC152A00-F	AC153A00	AC153A00-F	AC154A00	AC154A00-F	AC171A00
SAMPLE	AC123A00	FD09130001	AC123A00F	FD09130001F	AC124A00	AC124A00F	AC151A00	AC151A00F	AC152A00	AC152A00F	AC153A00	AC153A00F	AC154A00	AC154A00F	AC171A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/13/2000	9/13/2000	9/14/2000	9/14/2000	12/14/2000	12/14/2000	3/23/2000	3/23/2000	6/7/2000	6/7/2000	9/18/2000	9/18/2000	12/21/2000	12/21/2000	4/1/2000
4-CHLOROPHENYL PHENYL ETHER									1 U						
4-METHYLPHENOL									4 U						
4-NITROANILINE									2 U						
4-NITROPHENOL									9 U						
4-NITROQUINOLINE-1-OXIDE									5 U						
5-NITRO-O-TOLUIDINE									5 U						
7,12-DIMETHYLBENZ(A)ANTHRACENE									5 U						
A,A-DIMETHYLPHENETHYLAMINE									5 U						
ACENAPHTHENE									0.18999 U						
ACENAPHTHYLENE									0.18999 U						
ACETOPHENONE									5 U						
ANILINE									5 U						
ANTHRACENE									0.18999 U						
BENZO(A)ANTHRACENE									0.18999 U						
BENZO(A)PYRENE									0.18999 U						
BENZO(B)FLUORANTHENE									0.18999 U						
BENZO(G,H,I)PERYLENE									0.18999 U						
BENZO(K)FLUORANTHENE									0.18999 U						
BENZYL ALCOHOL									9 U						
BIS(2-CHLOROETHOXY)METHANE									5 U						
BIS(2-CHLOROETHYL)ETHER									1 U						
BIS(2-ETHYLHEXYL)PHTHALATE									2 U						
BUTYL BENZYL PHTHALATE									2 U						
CHLOROBENZILATE									5 U						
CHRYSENE									0.18999 U						
DI-N-BUTYL PHTHALATE									2 U						
DI-N-OCTYL PHTHALATE									2 U						
DIALLATE									5 U						
DIBENZO(A,H)ANTHRACENE									0.18999 U						
DIBENZOFURAN									1 U						
DIETHYL PHTHALATE									2 U						
DIMETHOATE									5 U						
DIMETHYL PHTHALATE									2 U						
DIPHENYLAMINE									5 U						
DISULFOTON									5 U						
ETHYL METHANE SULFONATE									5 U						
ETHYL PARATHION									5 U						
FAMPHUR									5 U						
FLUORANTHENE									0.18999 U						
FLUORENE									0.18999 U						
HEXACHLOROBENZENE									2 U						
HEXACHLOROBUTADIENE									1 U						
HEXACHLOROCYCLOPENTADIENE									2 U						
HEXACHLOROETHANE									2 U						
HEXACHLOROPROPENE									5 U						
INDENO(1,2,3-CD)PYRENE									0.18999 U						
ISODRIN									5 U						
ISOPHORONE									1 U						
ISOSAFROLE									5 U						

LOCATION	03C12	03C12	03C12	03C12	03C12	03C12	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C17
NSAMPLE	AC123A00	AC123A00-D	AC123A00-F	AC123A00-F-D	AC124A00	AC124A00-F	AC151A00	AC151A00-F	AC152A00	AC152A00-F	AC153A00	AC153A00-F	AC154A00	AC154A00-F	AC171A00
SAMPLE	AC123A00	FD09130001	AC123A00F	FD09130001F	AC124A00	AC124A00F	AC151A00	AC151A00F	AC152A00	AC152A00F	AC153A00	AC153A00F	AC154A00	AC154A00F	AC171A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/13/2000	9/13/2000	9/14/2000	9/14/2000	12/14/2000	12/14/2000	3/23/2000	3/23/2000	6/7/2000	6/7/2000	9/18/2000	9/18/2000	12/21/2000	12/21/2000	4/1/2000
KEPONE									5 U						
METHAPYRILENE									5 U						
METHYL METHANE SULFONATE									5 U						
METHYL PARATHION									5 U						
N-NITROSO-DI-N-BUTYLAMINE									5 U						
N-NITROSO-DI-N-PROPYLAMINE									2 U						
N-NITROSODIETHYLAMINE									5 U						
N-NITROSODIMETHYLAMINE									9 U						
N-NITROSOMETHYLETHYLAMINE									5 U						
N-NITROSOMORPHOLINE									5 U						
N-NITROSOPIPERIDINE									5 U						
N-NITROSOPYRROLIDINE									5 U						
NAPHTHALENE									0.18999 U						
O,O,O-TRIETHYL PHOSPHOROTHIOAT									5 U						
O-TOLUIDINE									5 U						
P-(DIMETHYLAMINO)AZOBENZENE									5 U						
PENTACHLOROBENZENE									5 U						
PENTACHLOROETHANE									5 U						
PENTACHLORONITROBENZENE									5 U						
PENTACHLOROPHENOL									9 U						
PHENACETIN									5 U						
PHENANTHRENE									0.18999 U						
PHENOL									5 U						
PHORATE									5 U						
PRONAMIDE									5 U						
PYRENE									0.18999 U						
PYRIDINE									9 U						
SAFROLE									5 U						
SULFOTEPP									5 U						
THIONAZIN									5 U						
Pesticides/PCBs (ug/L)															
4,4'-DDD									0.10999 U						
4,4'-DDE									0.10999 U						
4,4'-DDT									0.10999 U						
ALDRIN									0.054 U						
ALPHA-BHC									0.054 U						
AROCLOR-1016									1.1 U						
AROCLOR-1221									2.2 U						
AROCLOR-1232									1.1 U						
AROCLOR-1242									1.1 U						
AROCLOR-1248									1.1 U						
AROCLOR-1254									1.1 U						
AROCLOR-1260									1.1 U						
BETA-BHC									0.054 U						
CHLORDANE									0.54 U						
DELTA-BHC									0.054 U						
DIELDRIN									0.10999 U						
ENDOSULFAN I									0.054 U						
ENDOSULFAN II									0.10999 U						

LOCATION	03C12	03C12	03C12	03C12	03C12	03C12	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C17
NSAMPLE	AC123A00	AC123A00-D	AC123A00-F	AC123A00-F-D	AC124A00	AC124A00-F	AC151A00	AC151A00-F	AC152A00	AC152A00-F	AC153A00	AC153A00-F	AC154A00	AC154A00-F	AC171A00
SAMPLE	AC123A00	FD09130001	AC123A00F	FD09130001F	AC124A00	AC124A00F	AC151A00	AC151A00F	AC152A00	AC152A00F	AC153A00	AC153A00F	AC154A00	AC154A00F	AC171A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/13/2000	9/13/2000	9/14/2000	9/14/2000	12/14/2000	12/14/2000	3/23/2000	3/23/2000	6/7/2000	6/7/2000	9/18/2000	9/18/2000	12/21/2000	12/21/2000	4/1/2000
ENDOSULFAN SULFATE									0.10999 U						
ENDRIN									0.10999 U						
ENDRIN ALDEHYDE									0.10999 U						
GAMMA-BHC (LINDANE)									0.054 U						
HEPTACHLOR									0.054 U						
HEPTACHLOR EPOXIDE									0.054 U						
METHOXYCHLOR									0.54 U						
TOXAPHENE									5.4 U						
Explosives (ug/L)															
1,3,5-TRINITROBENZENE	0.52999 U	0.52999 U			1 U		1.1 U		0.57999 U		0.76999 U		0.46999 U		0.52999 U
1,3-DINITROBENZENE	0.52999 U	0.52999 U			1 U		1.1 U		0.57999 U		0.76999 U		0.46999 U		0.52999 U
2,4,6-TRINITROTOLUENE	0.52999 U	0.52999 U			1 U		1.1 U		0.57999 U		0.76999 U		0.46999 U		0.52999 U
2,4-DIAMINO-6-NITROTOLUENE	0.52999 U	0.52999 U			1 U				0.57999 U						
2,4-DINITROTOLUENE	0.52999 U	0.52999 U			1 U		1.1 U		0.57999 U		0.76999 U		0.46999 U		0.52999 U
2,6-DIAMINO-4-NITROTOLUENE	0.52999 U	0.52999 U			1 U				0.57999 U						
2,6-DINITROTOLUENE	0.52999 U	0.52999 U			1 U		1.1 U		0.57999 U		0.76999 U		0.46999 U		0.52999 U
2-AMINO-4,6-DINITROTOLUENE	0.52999 U	0.52999 U			1 U		1.1 U		0.57999 U		0.76999 U		0.46999 U		0.52999 U
2-NITROTOLUENE	0.52999 U	0.52999 U			1 U		1.1 U		0.57999 U		0.76999 U		0.46999 U		0.52999 U
3,5-DINITROANILINE	0.52999 U	0.52999 U			1 U				0.57999 U						
3-NITROTOLUENE	0.52999 U	0.52999 U			1 U		1.1 U		0.57999 U		0.76999 U		0.46999 U		0.52999 U
4,4'-TN-AZOXY	0.52999 U	0.52999 U			1 U				0.57999 U						
4-AMINO-2,6-DINITROTOLUENE	0.52999 U	0.52999 U			1 U		1.1 U		0.57999 U		0.76999 U		0.46999 U		0.52999 U
4-NITROTOLUENE	0.52999 U	0.52999 U			1 U		1.1 U		0.57999 U		0.76999 U		0.46999 U		0.52999 U
HMX	37	31			41		1.1 U		0.57999 U		0.76999 U		0.46999 U		0.52999 U
MNX	0.52999 U	0.52999 U			1 U				0.57999 U						
NITROBENZENE	0.52999 U	0.52999 U			1 U		1.1 U		0.57999 U		0.76999 U		0.46999 U		0.52999 U
NITROCELLULOSE	1000 U	1000 U			1000 U		1000 U		1000 U		1000 U		1000 U		1000 U
NITROGLYCERIN	5.3 U	5.3 U			10 U		11 U		5.8 U		7.7 U		4.7 U		5.3 U
PETN	2.6 U	2.6 U			5.1 U		5.2 U		2.9 U		3.8 U		2.3 U		2.6 U
PICRAMIC ACID	0.95999 U	0.99 U			1 U										
PICRIC ACID	0.95999 U	0.99 U			1 U										
RDX	15	12			18		0.99 U		0.55 U		0.76999 U		0.43999 U		0.5 U
TETRYL	0.52999 U	0.52999 U			1 U		1.1 U		0.57999 U		0.76999 U		0.46999 U		0.52999 U
TNX	0.52999 U	0.52999 U			1 U				0.57999 U						
Herbicides (ug/L)															
2,4,5-T									0.21999 U						
2,4,5-TP (SILVEX)									0.21999 U						
2,4-D									0.21999 U						
DINOSEB									0.21999 U						
HEXACHLOROPHENE									0.54 U						
Dioxins/Furans (pg/L)															
1,2,3,4,6,7,8,9-OCDD									22.9 U						
1,2,3,4,6,7,8,9-OCDF									18.4 U						
1,2,3,4,6,7,8-HPCDD									15 U						
1,2,3,4,6,7,8-HPCDF									9.8 U						
1,2,3,4,7,8,9-HPCDF									11.7 U						
1,2,3,4,7,8-HXCDD									11.4 U						
1,2,3,4,7,8-HXCDF									8.3 U						
1,2,3,6,7,8-HXCDD									10 U						

LOCATION	03C12	03C12	03C12	03C12	03C12	03C12	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C17
NSAMPLE	AC123A00	AC123A00-D	AC123A00-F	AC123A00-F-D	AC124A00	AC124A00-F	AC151A00	AC151A00-F	AC152A00	AC152A00-F	AC153A00	AC153A00-F	AC154A00	AC154A00-F	AC171A00
SAMPLE	AC123A00	FD09130001	AC123A00F	FD09130001F	AC124A00	AC124A00F	AC151A00	AC151A00F	AC152A00	AC152A00F	AC153A00	AC153A00F	AC154A00	AC154A00F	AC171A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/13/2000	9/13/2000	9/14/2000	9/14/2000	12/14/2000	12/14/2000	3/23/2000	3/23/2000	6/7/2000	6/7/2000	9/18/2000	9/18/2000	12/21/2000	12/21/2000	4/1/2000
1,2,3,6,7,8-HXCDF									7.3 U						
1,2,3,7,8,9-HXCDD									10.4 U						
1,2,3,7,8,9-HXCDF									9.5 U						
1,2,3,7,8-PECDD									10.6 U						
1,2,3,7,8-PECDF									5.6 U						
2,3,4,6,7,8-HXCDF									8.6 U						
2,3,4,7,8-PECDF									6.6 U						
2,3,7,8-TCDD									6.4 U						
2,3,7,8-TCDF									5.5 U						
TOTAL HPCDD									15 U						
TOTAL HPCDF									10.7 U						
TOTAL HXCDD									10.6 U						
TOTAL HXCDF									8.3 U						
TOTAL PECDD									10.6 U						
TOTAL PECDF									6.1 U						
TOTAL TCDD									6.4 U						
TOTAL TCDF									5.5 U						
Total Inorganics (ug/L)															
ANTIMONY	1.1 U	1.1 U			1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
ARSENIC	1.1 U	1.1 U			1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		2
BARIUM	40.1	126			111		22.8		23.9		24		25.6		13.3
BERYLLIUM	1.1 U	1.1 U			1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CADMIUM	1.1 U	1.1 U			1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CALCIUM															
CHROMIUM	5.6 U	5.6 U			5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U
COBALT	3.3 U	3.3 U			3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
COPPER	2.2 U	2.2 U			2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
IRON	241	606			318				423						
LEAD	1.1 U	1.1 U			1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
MAGNESIUM															
MANGANESE	29.9	19.4			16.7 U		34.9		34.1		39.5		33.2		117
MERCURY	0.37	0.2 U			0.2 U		0.2 U		0.21999 U		0.2 U		0.2 U		0.2 U
NICKEL	11.1 U	11.1 U			11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
POTASSIUM															
SELENIUM	2.7	2.1			1.3		1.1 U		1.4		1.4		1.5		1.1
SILVER	3.3 U	3.3 U			3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
SODIUM															
THALLIUM	1.1 U	1.1 U			1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
TIN	11.1 U	11.1 U			11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
VANADIUM	2.2 U	2.2 U			2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
ZINC	11.1 U	11.1 U			11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		12.4
Dissolved Inorganics (ug/L)															
ANTIMONY			1 U	1 U		1 U		1.1 U		1 U		1 U		1 U	
ARSENIC			1 U	1 U		1 U		1.1 U		1 U		1 U		1 U	
BARIUM			114	111		104		23.6		25.6		23.2		24.5	
BERYLLIUM			1 U	1 U		1 U		1.1 U		1 U		1 U		1 U	
CADMIUM			1 U	1 U		1 U		1.1 U		1 U		1 U		1 U	
CALCIUM			84600	86300				0		104000		80600			
CHROMIUM			5 U	5.1		5 U		5.6 U		5 U		6		5 U	

LOCATION	03C12	03C12	03C12	03C12	03C12	03C12	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C17
NSAMPLE	AC123A00	AC123A00-D	AC123A00-F	AC123A00-F-D	AC124A00	AC124A00-F	AC151A00	AC151A00-F	AC152A00	AC152A00-F	AC153A00	AC153A00-F	AC154A00	AC154A00-F	AC171A00
SAMPLE	AC123A00	FD09130001	AC123A00F	FD09130001F	AC124A00	AC124A00F	AC151A00	AC151A00F	AC152A00	AC152A00F	AC153A00	AC153A00F	AC154A00	AC154A00F	AC171A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/13/2000	9/13/2000	9/14/2000	9/14/2000	12/14/2000	12/14/2000	3/23/2000	3/23/2000	6/7/2000	6/7/2000	9/18/2000	9/18/2000	12/21/2000	12/21/2000	4/1/2000
COBALT			3 U	3 U		3 U		3.3 U		3 U		3 U		3 U	
COPPER			2 U	2 U		2 U		2.2 U		2 U		2 U		2 U	
IRON															
LEAD			1 U	1 U		1 U		1.1 U		1 U		1 U		1 U	
MAGNESIUM			9400	9280				44300		45500		40300			
MANGANESE			15 U	15 U		15 U		35.2		36.5		34.3		31.8	
MERCURY			0.2 U	0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U	
NICKEL			10 U	10 U		10 U		11.1 U		10 U		10 U		10 U	
POTASSIUM			2410	2410				1790		1910		1740			
SELENIUM			1 U	1 U		1 U		1.1 U		1 U		1 U		1 U	
SILVER			3 U	3 U		3 U		3.3 U		3 U		3 U		3 U	
SODIUM			23000 J	22100 J				25700		26200		24900 J			
THALLIUM			1 U	1 U		1 U		1.1 U		1 U		1 U		1 U	
TIN			10 U	10 U		10 U		11.1 U		10 U		10 U		10 U	
VANADIUM			2 U	2 U		2 U		2.2 U		2 U		2 U		2 U	
ZINC			10 U	10 U		10 U		286		10 U		10 U		10 U	
Miscellaneous Parameters															
CHLORIDE (MG/L)					45		4.2		4.1				5		3.4
CYANIDE (MG/L)					0.01999 UJ		0.1 U		0.00499 U				0.00999 U		0.01 U
ETHANE (NG/L)															
ETHENE (NG/L)															
METHANE (NG/L)															
METHANE (UG/L)															
PHOSPHORUS (ELEMENTAL) (MG/L)					1 U		0.1 U		0.01999				0.1 U		0.1 U
SULFATE (MG/L)					57		190		180				180		1000
SULFIDE (MG/L)					1 U				1 U						
TOTAL ORGANIC CARBON (MG/L)					1.6		1 U		1 U				1 U		1 U
TOTAL ORGANIC HALIDES (MG/L)					0.05 U		0.05		0.01999				0.05 U		0.01999 U
Dissolved Miscellaneous Parameters															
PHOSPHORUS (ELEMENTAL) (MG/L)						0.82999		0.1 U		0.01999				0.1 U	

LOCATION	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C25
NSAMPLE	AC171A00-F	AC172A00	AC172A00-F	AC173A00	AC173A00-F	AC174A00	AC174A00-F	AC201A00	AC201A00-F	AC202A00	AC202A00-F	AC203A00	AC203A00-F	AC204A00	AC204A00-F	AC251A00
SAMPLE	AC171A00F	AC172A00	AC172A00F	AC173A00	AC173A00F	AC174A00	AC174A00F	AC201A00	AC201A00F	AC202A00	AC202A00F	AC203A00	AC203A00F	AC204A00	AC204A00F	AC251A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	4/1/2000	5/25/2000	5/25/2000	9/12/2000	9/12/2000	12/5/2000	12/5/2000	3/23/2000	3/23/2000	6/1/2000	6/1/2000	9/18/2000	9/18/2000	12/28/2000	12/28/2000	3/24/2000
Volatile Organics (ug/L)																
1,1,1,2-TETRACHLOROETHANE		0.5 U								0.5 U						
1,1,1-TRICHLOROETHANE		0.5 U								0.5 U						0.5 U
1,1,2,2-TETRACHLOROETHANE		0.5 U								0.5 U						
1,1,2-TRICHLOROETHANE		0.5 U								0.4 J						
1,1-DICHLOROETHANE		0.5 U								0.5 U						0.5 U
1,1-DICHLOROETHENE		0.5 U				0.5 U		0.5 U		0.4 J				0.5 U		0.5 U
1,1-DICHLOROPROPENE		0.5 U								0.5 U						
1,2,3-TRICHLOROBENZENE		0.5 U								0.5 U						
1,2,3-TRICHLOROPROPANE		1 U								1 U						
1,2-DIBROMO-3-CHLOROPROPANE		1 U								1 U						
1,2-DIBROMOETHANE		0.5 U								0.5 U						
1,2-DICHLOROETHANE		0.5 U								0.91						0.5 U
1,2-DICHLOROPROPANE		0.5 U								0.5 U						
1,3-DICHLOROPROPANE		0.5 U								0.5 U						
1,4-DIOXANE		100 U								100 U						
2,2-DICHLOROPROPANE		0.5 U								0.5 U						
2-BUTANONE		10 U								10 U						
2-HEXANONE		10 U								10 U						
3-CHLOROPROPENE		10 U								10 U						
4-METHYL-2-PENTANONE		10 U								10 U						
ACETONE		10 U								10 U						
ACETONITRILE		40 U								40 U						
ACROLEIN		10 U								10 U						
ACRYLONITRILE		3 U								3 U						
BENZENE		0.5 U								0.5 U						0.5 U
BROMOCHLOROMETHANE		0.5 U								0.5 U						
BROMODICHLOROMETHANE		0.5 U								0.5 U						
BROMOFORM		0.5 U								0.5 U						
BROMOMETHANE		1 U								1 U						
CARBON DISULFIDE		0.5 U								0.5 U						
CARBON TETRACHLORIDE		0.3 U								0.3 U						0.3 U
CHLOROBENZENE		0.5 U								0.5 U						
CHLORODIBROMOMETHANE		0.5 U								0.5 U						
CHLOROETHANE		0.5 U								0.5 U						0.5 U
CHLOROFORM		0.3 U								0.89999						0.3 U
CHLOROMETHANE		0.5 U								0.5 U						
CHLOROPRENE		3 U								3 U						
CIS-1,2-DICHLOROETHENE		0.5 U				0.5 U		77		70				76		0.5 U
CIS-1,3-DICHLOROPROPENE		0.3 U								0.3 U						
DIBROMOMETHANE		0.5 U								0.5 U						
DICHLORODIFLUOROMETHANE		0.5 U								0.5 U						
ETHYL METHACRYLATE		1 U								1 U						
ETHYLBENZENE		0.5 U								0.5 U						0.5 U
ISOBUTANOL		40 U								40 U						
M+P-XYLENES																
M-XYLENE		1 U								1 U						
METHACRYLONITRILE		1 U								1 U						
METHYL IODIDE		0.5 U								0.5 U						

LOCATION	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C25
NSAMPLE	AC171A00-F	AC172A00	AC172A00-F	AC173A00	AC173A00-F	AC174A00	AC174A00-F	AC201A00	AC201A00-F	AC202A00	AC202A00-F	AC203A00	AC203A00-F	AC204A00	AC204A00-F	AC251A00
SAMPLE	AC171A00F	AC172A00	AC172A00F	AC173A00	AC173A00F	AC174A00	AC174A00F	AC201A00	AC201A00F	AC202A00	AC202A00F	AC203A00	AC203A00F	AC204A00	AC204A00F	AC251A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	4/1/2000	5/25/2000	5/25/2000	9/12/2000	9/12/2000	12/5/2000	12/5/2000	3/23/2000	3/23/2000	6/1/2000	6/1/2000	9/18/2000	9/18/2000	12/28/2000	12/28/2000	3/24/2000
METHYL METHACRYLATE		2 U								2 U						
METHYLENE CHLORIDE		3 U								3 U						1 U
O-XYLENE		1 U								1 U						
PROPIONITRILE		40 U								40 U						
STYRENE		0.5 U								0.5 U						
TETRACHLOROETHENE		0.5 U								1.1						0.5 U
TOLUENE		0.5 U								0.5 U						0.5 U
TOTAL XYLENES																0.5 U
TRANS-1,2-DICHLOROETHENE		0.5 U				0.5 U		7.2		8.1				9.4		0.5 U
TRANS-1,3-DICHLOROPROPENE		0.5 U								0.5 U						
TRANS-1,4-DICHLORO-2-BUTENE		10 U								10 U						
TRICHLOROETHENE		0.5 U		0.5 U		0.5 U		3300		3300		4500		3500		0.5 U
TRICHLOROFLUOROMETHANE		0.5 U								0.5 U						
VINYL ACETATE		0.5 U								0.5 U						
VINYL CHLORIDE		0.5 U				0.5 U		0.5 U		0.5 U				0.5 U		0.5 U
Semivolatile Organics (ug/L)																
1,2,4,5-TETRACHLOROBENZENE		5 U								5 U						
1,2,4-TRICHLOROBENZENE		2 U								2 U						
1,2-DICHLOROBENZENE		2 U								2 U						
1,3-DICHLOROBENZENE		2 U								2 U						
1,4-DICHLOROBENZENE		2 U								2 U						
1,4-NAPHTHOQUINONE		5 U								5 U						
1,4-PHENYLENEDIAMINE		5 U								5 U						
1-NAPHTHYLAMINE		5 U								5 U						
2,2'-OXYBIS(1-CHLOROPROPANE)		3 U								3 U						
2,3,4,6-TETRACHLOROPHENOL		5 U								5 U						
2,4,5-TRICHLOROPHENOL		5 U								5 U						
2,4,6-TRICHLOROPHENOL		3 U								3 U						
2,4-DICHLOROPHENOL		3 U								3 U						
2,4-DIMETHYLPHENOL		5 U								5 U						
2,4-DINITROPHENOL		11 U								11 U						
2,6-DICHLOROPHENOL		5 U								5 U						
2-ACETYLAMINOFLUORENE		5 U								5 U						
2-CHLORONAPHTHALENE		2 U								2 U						
2-CHLOROPHENOL		3 U								3 U						
2-METHYLNAPHTHALENE		2 U								2 U						
2-METHYLPHENOL		2 U								2 U						
2-NAPHTHYLAMINE		5 U								5 U						
2-NITROANILINE		2 U								2 U						
2-NITROPHENOL		5 U								5 U						
2-PICOLINE		5 U								5 U						
3,3'-DICHLOROBENZIDINE		11 U								11 U						
3,3'-DIMETHYLBENZIDINE		5 U								5 U						
3-NITROANILINE		2 U								2 U						
4,6-DINITRO-2-METHYLPHENOL		11 U								11 U						
4-AMINOBIPHENYL		5 U								5 U						
4-BROMOPHENYL PHENYL ETHER		2 U								2 U						
4-CHLORO-3-METHYLPHENOL		2 U								2 U						
4-CHLOROANILINE		2 U								2 U						

SWMU 03 - Ammunition Burning Ground
NSWC Crane
Summary of 2000 Groundwater Data

LOCATION	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C25
NSAMPLE	AC171A00-F	AC172A00	AC172A00-F	AC173A00	AC173A00-F	AC174A00	AC174A00-F	AC201A00	AC201A00-F	AC202A00	AC202A00-F	AC203A00	AC203A00-F	AC204A00	AC204A00-F	AC251A00
SAMPLE	AC171A00F	AC172A00	AC172A00F	AC173A00	AC173A00F	AC174A00	AC174A00F	AC201A00	AC201A00F	AC202A00	AC202A00F	AC203A00	AC203A00F	AC204A00	AC204A00F	AC251A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	4/1/2000	5/25/2000	5/25/2000	9/12/2000	9/12/2000	12/5/2000	12/5/2000	3/23/2000	3/23/2000	6/1/2000	6/1/2000	9/18/2000	9/18/2000	12/28/2000	12/28/2000	3/24/2000
4-CHLOROPHENYL PHENYL ETHER		1 U								1 U						
4-METHYLPHENOL		4 U								4 U						
4-NITROANILINE		2 U								2 U						
4-NITROPHENOL		11 U								11 U						
4-NITROQUINOLINE-1-OXIDE		5 U								5 U						
5-NITRO-O-TOLUIDINE		5 U								5 U						
7,12-DIMETHYLBENZ(A)ANTHRACENE		5 U								5 U						
A,A-DIMETHYLPHENETHYLAMINE		5 U								5 U						
ACENAPHTHENE		0.21999 U								0.20999 U						
ACENAPHTHYLENE		0.21999 U								0.20999 U						
ACETOPHENONE		5 U								5 U						
ANILINE		5 U								5 U						
ANTHRACENE		0.21999 U								0.20999 U						
BENZO(A)ANTHRACENE		0.21999 U								0.20999 U						
BENZO(A)PYRENE		0.21999 U								0.20999 U						
BENZO(B)FLUORANTHENE		0.21999 U								0.20999 U						
BENZO(G,H,I)PERYLENE		0.21999 U								0.20999 U						
BENZO(K)FLUORANTHENE		0.21999 U								0.20999 U						
BENZYL ALCOHOL		11 U								11 U						
BIS(2-CHLOROETHOXY)METHANE		5 U								5 U						
BIS(2-CHLOROETHYL)ETHER		1 U								1 U						
BIS(2-ETHYLHEXYL)PHTHALATE		2 U								24						
BUTYL BENZYL PHTHALATE		2 U								2 U						
CHLOROBENZILATE		5 U								5 U						
CHRYSENE		0.21999 U								0.20999 U						
DI-N-BUTYL PHTHALATE		2 U								2 U						
DI-N-OCTYL PHTHALATE		2 U								2 U						
DIALLATE		5 U								5 U						
DIBENZO(A,H)ANTHRACENE		0.21999 U								0.20999 U						
DIBENZOFURAN		1 U								1 U						
DIETHYL PHTHALATE		2 U								2 U						
DIMETHOATE		5 U								5 U						
DIMETHYL PHTHALATE		2 U								2 U						
DIPHENYLAMINE		5 U								5 U						
DISULFOTON		5 U								5 U						
ETHYL METHANE SULFONATE		5 U								5 U						
ETHYL PARATHION		5 U								5 U						
FAMPHUR		5 U								5 U						
FLUORANTHENE		0.21999 U								0.20999 U						
FLUORENE		0.21999 U								0.20999 U						
HEXACHLOROBENZENE		2 U								2 U						
HEXACHLOROBUTADIENE		1 U								1 U						
HEXACHLOROCYCLOPENTADIENE		2 U								2 U						
HEXACHLOROETHANE		2 U								2 U						
HEXACHLOROPROPENE		5 U								5 U						
INDENO(1,2,3-CD)PYRENE		0.21999 U								0.20999 U						
ISODRIN		5 U								5 U						
ISOPHORONE		1 U								1 U						
ISOSAFROLE		5 U								5 U						

LOCATION	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C25
NSAMPLE	AC171A00-F	AC172A00	AC172A00-F	AC173A00	AC173A00-F	AC174A00	AC174A00-F	AC201A00	AC201A00-F	AC202A00	AC202A00-F	AC203A00	AC203A00-F	AC204A00	AC204A00-F	AC251A00
SAMPLE	AC171A00F	AC172A00	AC172A00F	AC173A00	AC173A00F	AC174A00	AC174A00F	AC201A00	AC201A00F	AC202A00	AC202A00F	AC203A00	AC203A00F	AC204A00	AC204A00F	AC251A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	4/1/2000	5/25/2000	5/25/2000	9/12/2000	9/12/2000	12/5/2000	12/5/2000	3/23/2000	3/23/2000	6/1/2000	6/1/2000	9/18/2000	9/18/2000	12/28/2000	12/28/2000	3/24/2000
KEPONE		5 U								5 U						
METHAPYRILENE		5 U								5 U						
METHYL METHANE SULFONATE		5 U								5 U						
METHYL PARATHION		5 U								5 U						
N-NITROSO-DI-N-BUTYLAMINE		5 U								5 U						
N-NITROSO-DI-N-PROPYLAMINE		2 U								2 U						
N-NITROSODIETHYLAMINE		5 U								5 U						
N-NITROSODIMETHYLAMINE		11 U								11 U						
N-NITROSOMETHYLETHYLAMINE		5 U								5 U						
N-NITROSOMORPHOLINE		5 U								5 U						
N-NITROSOPIPERIDINE		5 U								5 U						
N-NITROSOPYRROLIDINE		5 U								5 U						
NAPHTHALENE		0.21999 U								0.20999 U						
O,O,O-TRIETHYL PHOSPHOROTHIOAT		5 U								5 U						
O-TOLUIDINE		5 U								5 U						
P-(DIMETHYLAMINO)AZOBENZENE		5 U								5 U						
PENTACHLOROBENZENE		5 U								5 U						
PENTACHLOROETHANE		5 U								5 U						
PENTACHLORONITROBENZENE		5 U								5 U						
PENTACHLOROPHENOL		11 U								11 U						
PHENACETIN		5 U								5 U						
PHENANTHRENE		0.21999 U								0.20999 U						
PHENOL		5 U								5 U						
PHORATE		5 U								5 U						
PRONAMIDE		5 U								5 U						
PYRENE		0.21999 U								0.20999 U						
PYRIDINE		11 U								11 U						
SAFROLE		5 U								5 U						
SULFOTEPP		5 U								5 U						
THIONAZIN		5 U								5 U						
Pesticides/PCBs (ug/L)																
4,4'-DDD		0.10999 U								0.1 U						
4,4'-DDE		0.10999 U								0.1 U						
4,4'-DDT		0.10999 U								0.1 U						
ALDRIN		0.05299 U								0.052 U						
ALPHA-BHC		0.05299 U								0.052 U						
AROCLOR-1016		1.1 U								1 U						
AROCLOR-1221		2.1 U								2.1 U						
AROCLOR-1232		1.1 U								1 U						
AROCLOR-1242		1.1 U								1 U						
AROCLOR-1248		1.1 U								1 U						
AROCLOR-1254		1.1 U								1 U						
AROCLOR-1260		1.1 U								1 U						
BETA-BHC		0.05299 U								0.052 U						
CHLORDANE		0.52999 U								0.51999 U						
DELTA-BHC		0.05299 U								0.052 U						
DIELDRIN		0.10999 U								0.1 U						
ENDOSULFAN I		0.05299 U								0.052 U						
ENDOSULFAN II		0.10999 U								0.1 U						

SWMU 03 - Ammunition Burning Ground
NSWC Crane
Summary of 2000 Groundwater Data

LOCATION	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C25
NSAMPLE	AC171A00-F	AC172A00	AC172A00-F	AC173A00	AC173A00-F	AC174A00	AC174A00-F	AC201A00	AC201A00-F	AC202A00	AC202A00-F	AC203A00	AC203A00-F	AC204A00	AC204A00-F	AC251A00
SAMPLE	AC171A00F	AC172A00	AC172A00F	AC173A00	AC173A00F	AC174A00	AC174A00F	AC201A00	AC201A00F	AC202A00	AC202A00F	AC203A00	AC203A00F	AC204A00	AC204A00F	AC251A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	4/1/2000	5/25/2000	5/25/2000	9/12/2000	9/12/2000	12/5/2000	12/5/2000	3/23/2000	3/23/2000	6/1/2000	6/1/2000	9/18/2000	9/18/2000	12/28/2000	12/28/2000	3/24/2000
ENDOSULFAN SULFATE		0.10999 U								0.1 U						
ENDRIN		0.10999 U								0.1 U						
ENDRIN ALDEHYDE		0.10999 U								0.1 U						
GAMMA-BHC (LINDANE)		0.05299 U								0.052 U						
HEPTACHLOR		0.05299 U								0.052 U						
HEPTACHLOR EPOXIDE		0.05299 U								0.052 U						
METHOXYCHLOR		0.52999 U								0.51999 U						
TOXAPHENE		5.3 U								5.2 U						
Explosives (ug/L)																
1,3,5-TRINITROBENZENE		0.73 U		1.4 U		0.52999 U		12		13		6.8		6.5		0.73 U
1,3-DINITROBENZENE		0.73 U		1.4 U		0.52999 U		0.68 U		0.73 U		1.2 U		1.1 U		0.73 U
2,4,6-TRINITROTOLUENE		0.73 U		1.4 U		0.52999 U		0.68 U		0.73 U		1.2 U		1.1 U		0.73 U
2,4-DIAMINO-6-NITROTOLUENE																0.73 U
2,4-DINITROTOLUENE		0.73 U		1.4 U		0.52999 U		0.68 U		0.73 U		1.2 U		1.6		0.73 U
2,6-DIAMINO-4-NITROTOLUENE																0.73 U
2,6-DINITROTOLUENE		0.73 U		1.4 U		0.52999 U		0.68 U		0.73 U		1.2 U		2.2		0.73 U
2-AMINO-4,6-DINITROTOLUENE		0.73 U		1.4 U		0.52999 U		12		14		12		11		0.73 U
2-NITROTOLUENE		0.73 U		1.4 U		0.52999 U		3.8		0.73 U		1.2 U		1.1 U		0.73 U
3,5-DINITROANILINE																0.73 U
3-NITROTOLUENE		0.73 U		1.4 U		0.52999 U		0.68 U		0.73 U		1.2 U		1.1 U		0.73 U
4,4'-TN-AZOXY																0.73 U
4-AMINO-2,6-DINITROTOLUENE		0.73 U		1.4 U		0.52999 U		14		18		17		16		0.73 U
4-NITROTOLUENE		0.73 U		1.4 U		0.52999 U		0.68 U		0.73 U		1.2 U		1.1 U		0.73 U
HMX		0.73 U		1.4 U		0.52999 U		34		36		30		29		0.73 U
MNX																0.73 U
NITROBENZENE		0.73 U		1.4 U		0.52999 U		0.68 U		0.73 U		1.2 U		1.1 U		0.73 U
NITROCELLULOSE		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U
NITROGLYCERIN		7.3 U		14 U		5.3 U		6.8 U		7.3 U		12 U		11 U		7.3 U
PETN		3.6 U		7 U		2.6 U		3.3 U		3.6 U		5.7 U		5.6 U		3.6 U
PICRAMIC ACID																1.1 U
PICRIC ACID																1.1 U
RDX		0.68 U		1.4 U		0.5 U		190		210		190		180		0.68 U
TETRYL		0.73 U		1.4 U		0.52999 U		0.68 U		0.73 U		1.2 U		1.1 U		0.73 U
TNX																0.73 U
Herbicides (ug/L)																
2,4,5-T		0.20999 U								0.21999 U						
2,4,5-TP (SILVEX)		0.20999 U								0.21999 U						
2,4-D		0.20999 U								0.21999 U						
DINOSEB		0.20999 U								0.21999 U						
HEXACHLOROPHENE		0.52999 U								0.54 U						
Dioxins/Furans (pg/L)																
1,2,3,4,6,7,8,9-OCDD		5.2 UJ								25.5 U						
1,2,3,4,6,7,8,9-OCDF		4 U								20.4 U						
1,2,3,4,6,7,8-HPCDD		3 U								16.5 U						
1,2,3,4,6,7,8-HPCDF		1.9 U								13.2 U						
1,2,3,4,7,8,9-HPCDF		2.4 U								15.8 U						
1,2,3,4,7,8-HXCDD		2.5 U								13.3 U						
1,2,3,4,7,8-HXCDF		3.1 J								10.9 U						
1,2,3,6,7,8-HXCDD		2.3 U								11.7 U						

LOCATION	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C25
NSAMPLE	AC171A00-F	AC172A00	AC172A00-F	AC173A00	AC173A00-F	AC174A00	AC174A00-F	AC201A00	AC201A00-F	AC202A00	AC202A00-F	AC203A00	AC203A00-F	AC204A00	AC204A00-F	AC251A00
SAMPLE	AC171A00F	AC172A00	AC172A00F	AC173A00	AC173A00F	AC174A00	AC174A00F	AC201A00	AC201A00F	AC202A00	AC202A00F	AC203A00	AC203A00F	AC204A00	AC204A00F	AC251A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	4/1/2000	5/25/2000	5/25/2000	9/12/2000	9/12/2000	12/5/2000	12/5/2000	3/23/2000	3/23/2000	6/1/2000	6/1/2000	9/18/2000	9/18/2000	12/28/2000	12/28/2000	3/24/2000
1,2,3,6,7,8-HXCDF		2 UJ								9.6 U						
1,2,3,7,8,9-HXCDD		2.3 U								12.2 U						
1,2,3,7,8,9-HXCDF		3.6 J								12.5 U						
1,2,3,7,8-PECDD		2 U								12 U						
1,2,3,7,8-PECDF		1.1 U								6.5 U						
2,3,4,6,7,8-HXCDF		2.3 J								11.3 U						
2,3,4,7,8-PECDF		1.4 U								7.6 U						
2,3,7,8-TCDD		1.6 U								7 U						
2,3,7,8-TCDF		1.2 U								6 U						
TOTAL HPCDD		3 U								16.5 U						
TOTAL HPCDF		2.1 U								14.4 U						
TOTAL HXCDD		2.4 U								12.4 U						
TOTAL HXCDF		11 U								11 U						
TOTAL PECDD		2 U								12 U						
TOTAL PECDF		1.2 U								7 U						
TOTAL TCDD		1.6 U								7 U						
TOTAL TCDF		1.2 U								6 U						
Total Inorganics (ug/L)																
ANTIMONY		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
ARSENIC		1.7		2.3		2.3		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
BARIUM		13.6		13.8		13.1		32.1		34.4		33		34.3		16.6
BERYLLIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CADMIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CALCIUM																
CHROMIUM		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U
COBALT		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
COPPER		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
IRON						1700										146
LEAD		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
MAGNESIUM																
MANGANESE		105		113		97.6		16.7 U		16.7 U		16.7 U		16.7 U		24.7
MERCURY		0.21999 U		0.2 U		0.2 U		0.2 U		0.21999 U		0.2 U		0.2 U		0.2 U
NICKEL		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
POTASSIUM																
SELENIUM		1.5		2		1.9		1.1 U		1.1 U		1.4		1.2		1.1 U
SILVER		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
SODIUM																
THALLIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
TIN		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
VANADIUM		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
ZINC		11.1 U		19.9		11.1 U		11.1 U		11.1 U		11.1 U		39.8		11.1 U
Dissolved Inorganics (ug/L)																
ANTIMONY	1.1 U		1 U		1 U		1 U		1.1 U		1 U		1 U		1 U	
ARSENIC	2.1		1.8		2.5		2.6		1.1 U		1 U		1 U		1 U	
BARIUM	12.2		12.9		12.1		12.3		32.7		36.4		32.2		33.4	
BERYLLIUM	1.1 U		1 U		1 U		1 U		1.1 U		1 U		1 U		1 U	
CADMIUM	1.1 U		1 U		1 U		1 U		1.1 U		1 U		1 U		1 U	
CALCIUM	189000		193000		153000				88400		90000		70500			
CHROMIUM	5.6 U		5 U		8.2		5.6		5.6 U		5 U		5.1		5 U	

LOCATION	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C25
NSAMPLE	AC171A00-F	AC172A00	AC172A00-F	AC173A00	AC173A00-F	AC174A00	AC174A00-F	AC201A00	AC201A00-F	AC202A00	AC202A00-F	AC203A00	AC203A00-F	AC204A00	AC204A00-F	AC251A00
SAMPLE	AC171A00F	AC172A00	AC172A00F	AC173A00	AC173A00F	AC174A00	AC174A00F	AC201A00	AC201A00F	AC202A00	AC202A00F	AC203A00	AC203A00F	AC204A00	AC204A00F	AC251A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	4/1/2000	5/25/2000	5/25/2000	9/12/2000	9/12/2000	12/5/2000	12/5/2000	3/23/2000	3/23/2000	6/1/2000	6/1/2000	9/18/2000	9/18/2000	12/28/2000	12/28/2000	3/24/2000
COBALT	3.3 U		3 U		3 U		3 U		3.3 U		3 U		3 U		3 U	
COPPER	2.2 U		2 U		2 U		2 U		2.2 U		2 U		2 U		2 U	
IRON																
LEAD	1.1 U		1 U		1 U		1 U		1.1 U		1 U		1 U		1 U	
MAGNESIUM	178000		187000		158000				30200		30900		27300			
MANGANESE	112		99.4		95.5		97		16.7 U		15 U		15 U		15 U	
MERCURY	0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U	
NICKEL	11.1 U		10 U		10 U		10 U		11.1 U		10 U		10 U		10 U	
POTASSIUM	2780		2880		2700				1860		1810		1860			
SELENIUM	1.1		1.2		1.5		1.9		1.1 U		1 U		1 U		1 U	
SILVER	3.3 U		3 U		3 U		3 U		3.3 U		3 U		3 U		3 U	
SODIUM	103000		103000		107000 J				12000		11900		11600			
THALLIUM	1.1 U		1 U		1 U		1 U		1.1 U		1 U		1 U		1 U	
TIN	11.1 U		10 U		10 U		10 U		11.1 U		10 U		10 U		10 U	
VANADIUM	2.2 U		2 U		2 U		2 U		2.2 U		2 U		2 U		2 U	
ZINC	11.1 U		10 U		10 U		10 U		57.7		10 U		10 U		10 U	
Miscellaneous Parameters																
CHLORIDE (MG/L)		3.1				3		6.3		5.2				6		2
CYANIDE (MG/L)		0.00499 U				0.01999 U		0.1 U		0.00499 U				0.00999 UJ		0.1 U
ETHANE (NG/L)																
ETHENE (NG/L)																
METHANE (NG/L)																
METHANE (UG/L)																
PHOSPHORUS (ELEMENTAL) (MG/L)		0.17				0.01999 U		0.1 U		0.05999				0.1 U		0.1 U
SULFATE (MG/L)		950				1000		120		120				130		270
SULFIDE (MG/L)		1 U								1 U						1 U
TOTAL ORGANIC CARBON (MG/L)		1 U				1.4		1 U		1.7				1.7		1 U
TOTAL ORGANIC HALIDES (MG/L)		0.01999 U				0.05 U		0.01999 U		1.4				1.8		0.03999
Dissolved Miscellaneous Parameters																
PHOSPHORUS (ELEMENTAL) (MG/L)	0.1 U		0.03999				0.11999		0.1 U		0.01999				0.11999	

LOCATION	03C25	03C25	03C25	03C25	03C25	03C25	03C25	03C26	03C26	03C26	03C26	03C26	03C26	03C27	03C27	03C27
NSAMPLE	AC251A00-F	AC252A00	AC252A00-F	AC253A00	AC253A00-F	AC254A00	AC254A00-F	AC261A00	AC261A00-F	AC262A00	AC262A00-F	AC263A00	AC263A00-F	AC271A00	AC271A00-F	AC272A00
SAMPLE	AC251A00F	AC252A00	AC252A00F	AC253A00	AC253A00F	AC254A00	AC254A00F	AC261A00	AC261A00F	AC262A00	AC262A00F	AC263A00	AC263A00F	AC271A00	AC271A00F	AC272A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/24/2000	5/25/2000	5/25/2000	9/7/2000	9/7/2000	11/29/2000	11/29/2000	3/29/2000	3/29/2000	6/21/2000	6/22/2000	9/14/2000	9/14/2000	3/28/2000	3/28/2000	6/21/2000
Volatile Organics (ug/L)																
1,1,1,2-TETRACHLOROETHANE										0.5 U						0.5 U
1,1,1-TRICHLOROETHANE						0.5 U				0.5 U						0.5 U
1,1,2,2-TETRACHLOROETHANE										0.5 U						0.5 U
1,1,2-TRICHLOROETHANE										0.5 U						0.5 U
1,1-DICHLOROETHANE						0.5 U				0.5 U						0.5 U
1,1-DICHLOROETHENE						0.5 U		0.5 U		0.5 U				0.5 U		0.5 U
1,1-DICHLOROPROPENE										0.5 U						0.5 U
1,2,3-TRICHLOROBENZENE										0.5 U						0.5 U
1,2,3-TRICHLOROPROPANE										1 U						1 U
1,2-DIBROMO-3-CHLOROPROPANE										1 U						1 U
1,2-DIBROMOETHANE										0.5 U						0.5 U
1,2-DICHLOROETHANE						0.5 U				0.5 U						0.5 U
1,2-DICHLOROPROPANE										0.5 U						0.5 U
1,3-DICHLOROPROPANE										0.5 U						0.5 U
1,4-DIOXANE										100 U						100 U
2,2-DICHLOROPROPANE										0.5 U						0.5 U
2-BUTANONE										10 U						10 U
2-HEXANONE										10 U						10 U
3-CHLOROPROPENE										10 U						10 U
4-METHYL-2-PENTANONE										10 U						10 U
ACETONE										10 U						10 U
ACETONITRILE										40 U						40 U
ACROLEIN										10 U						10 U
ACRYLONITRILE										3 U						3 U
BENZENE						0.5 U				0.5 U						0.5 U
BROMOCHLOROMETHANE										0.5 U						0.5 U
BROMODICHLOROMETHANE										0.5 U						0.5 U
BROMOFORM										0.5 U						0.5 U
BROMOMETHANE										1 U						1 U
CARBON DISULFIDE										0.5 U						0.5 U
CARBON TETRACHLORIDE						0.3 U				0.3 U						0.3 U
CHLOROBENZENE										0.5 U						0.5 U
CHLORODIBROMOMETHANE										0.5 U						0.5 U
CHLOROETHANE						0.5 U				0.5 U						0.5 U
CHLOROFORM						0.3 U				0.3 U						0.3 U
CHLOROMETHANE										0.5 U						0.5 U
CHLOROPRENE										3 U						3 U
CIS-1,2-DICHLOROETHENE						0.5 U		0.5 U		0.5 U				0.5 U		0.5 U
CIS-1,3-DICHLOROPROPENE										0.3 U						0.3 U
DIBROMOMETHANE										0.5 U						0.5 U
DICHLORODIFLUOROMETHANE										0.5 U						0.5 U
ETHYL METHACRYLATE										1 U						1 U
ETHYLBENZENE						0.5 U				0.5 U						0.5 U
ISOBUTANOL										40 U						40 U
M+P-XYLENES																
M-XYLENE										1 U						1 U
METHACRYLONITRILE										1 U						1 U
METHYL IODIDE										0.5 U						0.5 U

LOCATION	03C25	03C25	03C25	03C25	03C25	03C25	03C25	03C26	03C26	03C26	03C26	03C26	03C26	03C27	03C27	03C27
NSAMPLE	AC251A00-F	AC252A00	AC252A00-F	AC253A00	AC253A00-F	AC254A00	AC254A00-F	AC261A00	AC261A00-F	AC262A00	AC262A00-F	AC263A00	AC263A00-F	AC271A00	AC271A00-F	AC272A00
SAMPLE	AC251A00F	AC252A00	AC252A00F	AC253A00	AC253A00F	AC254A00	AC254A00F	AC261A00	AC261A00F	AC262A00	AC262A00F	AC263A00	AC263A00F	AC271A00	AC271A00F	AC272A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/24/2000	5/25/2000	5/25/2000	9/7/2000	9/7/2000	11/29/2000	11/29/2000	3/29/2000	3/29/2000	6/21/2000	6/22/2000	9/14/2000	9/14/2000	3/28/2000	3/28/2000	6/21/2000
METHYL METHACRYLATE										2 U						2 U
METHYLENE CHLORIDE						1 U				3 U						3 U
O-XYLENE										1 U						1 U
PROPIONITRILE										40 U						40 U
STYRENE										0.5 U						0.5 U
TETRACHLOROETHENE						0.5 U				0.5 U						0.5 U
TOLUENE						0.5 U				0.5 U						0.5 U
TOTAL XYLENES						1 U										
TRANS-1,2-DICHLOROETHENE						0.5 U		0.5 U		0.5 U				0.5 U		0.5 U
TRANS-1,3-DICHLOROPROPENE										0.5 U						0.5 U
TRANS-1,4-DICHLORO-2-BUTENE										10 U						10 U
TRICHLOROETHENE		0.5 U		0.5 U		0.5 U		10		10		8.2		4.2		4.4
TRICHLOROFLUOROMETHANE										0.5 U						0.5 U
VINYL ACETATE										0.5 U						0.5 U
VINYL CHLORIDE						0.5 U		0.5 U		0.5 U				0.5 U		0.5 U
Semivolatile Organics (ug/L)																
1,2,4,5-TETRACHLOROBENZENE										5 U						5 U
1,2,4-TRICHLOROBENZENE										2 U						2 U
1,2-DICHLOROBENZENE										2 U						2 U
1,3-DICHLOROBENZENE										2 U						2 U
1,4-DICHLOROBENZENE										2 U						2 U
1,4-NAPHTHOQUINONE										5 U						5 U
1,4-PHENYLENEDIAMINE										5 U						5 U
1-NAPHTHYLAMINE										5 U						5 U
2,2'-OXYBIS(1-CHLOROPROPANE)										3 U						3 U
2,3,4,6-TETRACHLOROPHENOL										5 U						5 U
2,4,5-TRICHLOROPHENOL										5 U						5 U
2,4,6-TRICHLOROPHENOL										3 U						3 U
2,4-DICHLOROPHENOL										3 U						3 U
2,4-DIMETHYLPHENOL										5 U						5 U
2,4-DINITROPHENOL										9 U						9 U
2,6-DICHLOROPHENOL										5 U						5 U
2-ACETYLAMINOFLUORENE										5 U						5 U
2-CHLORONAPHTHALENE										2 U						2 U
2-CHLOROPHENOL										3 U						3 U
2-METHYLNAPHTHALENE										2 U						2 U
2-METHYLPHENOL										2 U						2 U
2-NAPHTHYLAMINE										5 U						5 U
2-NITROANILINE										2 U						2 U
2-NITROPHENOL										5 U						5 U
2-PICOLINE										5 U						5 U
3,3'-DICHLOROBENZIDINE										9 U						9 U
3,3'-DIMETHYLBENZIDINE										5 U						5 U
3-NITROANILINE										2 U						2 U
4,6-DINITRO-2-METHYLPHENOL										9 U						9 U
4-AMINOBIPHENYL										5 U						5 U
4-BROMOPHENYL PHENYL ETHER										2 U						2 U
4-CHLORO-3-METHYLPHENOL										2 U						2 U
4-CHLOROANILINE										2 U						2 U

LOCATION	03C25	03C25	03C25	03C25	03C25	03C25	03C25	03C26	03C26	03C26	03C26	03C26	03C26	03C27	03C27	03C27
NSAMPLE	AC251A00-F	AC252A00	AC252A00-F	AC253A00	AC253A00-F	AC254A00	AC254A00-F	AC261A00	AC261A00-F	AC262A00	AC262A00-F	AC263A00	AC263A00-F	AC271A00	AC271A00-F	AC272A00
SAMPLE	AC251A00F	AC252A00	AC252A00F	AC253A00	AC253A00F	AC254A00	AC254A00F	AC261A00	AC261A00F	AC262A00	AC262A00F	AC263A00	AC263A00F	AC271A00	AC271A00F	AC272A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/24/2000	5/25/2000	5/25/2000	9/7/2000	9/7/2000	11/29/2000	11/29/2000	3/29/2000	3/29/2000	6/21/2000	6/22/2000	9/14/2000	9/14/2000	3/28/2000	3/28/2000	6/21/2000
4-CHLOROPHENYL PHENYL ETHER										1 U						1 U
4-METHYLPHENOL										4 U						4 U
4-NITROANILINE										2 U						2 U
4-NITROPHENOL										9 U						9 U
4-NITROQUINOLINE-1-OXIDE										5 U						5 U
5-NITRO-O-TOLUIDINE										5 U						5 U
7,12-DIMETHYLBENZ(A)ANTHRACENE										5 U						5 U
A,A-DIMETHYLPHENETHYLAMINE										5 U						5 U
ACENAPHTHENE										0.18999 U						0.18999 U
ACENAPHTHYLENE										0.18999 U						0.18999 U
ACETOPHENONE										5 U						5 U
ANILINE										5 U						5 U
ANTHRACENE										0.18999 U						0.18999 U
BENZO(A)ANTHRACENE										0.18999 U						0.18999 U
BENZO(A)PYRENE										0.18999 U						0.18999 U
BENZO(B)FLUORANTHENE										0.18999 U						0.18999 U
BENZO(G,H,I)PERYLENE										0.18999 U						0.18999 U
BENZO(K)FLUORANTHENE										0.18999 U						0.18999 U
BENZYL ALCOHOL										9 U						9 U
BIS(2-CHLOROETHOXY)METHANE										5 U						5 U
BIS(2-CHLOROETHYL)ETHER										1 U						1 U
BIS(2-ETHYLHEXYL)PHTHALATE										2 U						2 U
BUTYL BENZYL PHTHALATE										2 U						2 U
CHLOROBENZILATE										5 U						5 U
CHRYSENE										0.18999 U						0.18999 U
DI-N-BUTYL PHTHALATE										2 U						2 U
DI-N-OCTYL PHTHALATE										2 U						2 U
DIALLATE										5 U						5 U
DIBENZO(A,H)ANTHRACENE										0.18999 U						0.18999 U
DIBENZOFURAN										1 U						1 U
DIETHYL PHTHALATE										2 U						2 U
DIMETHOATE										5 U						5 U
DIMETHYL PHTHALATE										2 U						2 U
DIPHENYLAMINE										5 U						5 U
DISULFOTON										5 U						5 U
ETHYL METHANE SULFONATE										5 U						5 U
ETHYL PARATHION										5 U						5 U
FAMPHUR										5 U						5 U
FLUORANTHENE										0.18999 U						0.18999 U
FLUORENE										0.18999 U						0.18999 U
HEXACHLOROBENZENE										2 U						2 U
HEXACHLOROBUTADIENE										1 U						1 U
HEXACHLOROCYCLOPENTADIENE										2 U						2 U
HEXACHLOROETHANE										2 U						2 U
HEXACHLOROPROPENE										5 U						5 U
INDENO(1,2,3-CD)PYRENE										0.18999 U						0.18999 U
ISODRIN										5 U						5 U
ISOPHORONE										1 U						1 U
ISOSAFROLE										5 U						5 U

LOCATION	03C25	03C25	03C25	03C25	03C25	03C25	03C25	03C26	03C26	03C26	03C26	03C26	03C26	03C27	03C27	03C27
NSAMPLE	AC251A00-F	AC252A00	AC252A00-F	AC253A00	AC253A00-F	AC254A00	AC254A00-F	AC261A00	AC261A00-F	AC262A00	AC262A00-F	AC263A00	AC263A00-F	AC271A00	AC271A00-F	AC272A00
SAMPLE	AC251A00F	AC252A00	AC252A00F	AC253A00	AC253A00F	AC254A00	AC254A00F	AC261A00	AC261A00F	AC262A00	AC262A00F	AC263A00	AC263A00F	AC271A00	AC271A00F	AC272A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/24/2000	5/25/2000	5/25/2000	9/7/2000	9/7/2000	11/29/2000	11/29/2000	3/29/2000	3/29/2000	6/21/2000	6/22/2000	9/14/2000	9/14/2000	3/28/2000	3/28/2000	6/21/2000
KEPONE										5 U						5 U
METHAPYRILENE										5 U						5 U
METHYL METHANE SULFONATE										5 U						5 U
METHYL PARATHION										5 U						5 U
N-NITROSO-DI-N-BUTYLAMINE										5 U						5 U
N-NITROSO-DI-N-PROPYLAMINE										2 U						2 U
N-NITROSODIETHYLAMINE										5 U						5 U
N-NITROSODIMETHYLAMINE										9 U						9 U
N-NITROSOMETHYLETHYLAMINE										5 U						5 U
N-NITROSOMORPHOLINE										5 U						5 U
N-NITROSOPIPERIDINE										5 U						5 U
N-NITROSOPYRROLIDINE										5 U						5 U
NAPHTHALENE										0.18999 U						0.18999 U
O,O,O-TRIETHYL PHOSPHOROTHIOAT										5 U						5 U
O-TOLUIDINE										5 U						5 U
P-(DIMETHYLAMINO)AZOBENZENE										5 U						5 U
PENTACHLOROBENZENE										5 U						5 U
PENTACHLOROETHANE										5 U						5 U
PENTACHLORONITROBENZENE										5 U						5 U
PENTACHLOROPHENOL										9 U						9 U
PHENACETIN										5 U						5 U
PHENANTHRENE										0.18999 U						0.18999 U
PHENOL										5 U						5 U
PHORATE										5 U						5 U
PRONAMIDE										5 U						5 U
PYRENE										0.18999 U						0.18999 U
PYRIDINE										9 U						9 U
SAFROLE										5 U						5 U
SULFOTEPP										5 U						5 U
THIONAZIN										5 U						5 U
Pesticides/PCBs (ug/L)																
4,4'-DDD										0.09399 U						0.09399 U
4,4'-DDE										0.09399 U						0.09399 U
4,4'-DDT										0.09399 U						0.09399 U
ALDRIN										0.04699 U						0.04699 U
ALPHA-BHC										0.04699 U						0.04699 U
AROCLOR-1016										0.93999 U						0.93999 U
AROCLOR-1221										1.9 U						1.9 U
AROCLOR-1232										0.93999 U						0.93999 U
AROCLOR-1242										0.93999 U						0.93999 U
AROCLOR-1248										0.93999 U						0.93999 U
AROCLOR-1254										0.93999 U						0.93999 U
AROCLOR-1260										0.93999 U						0.93999 U
BETA-BHC										0.04699 U						0.04699 U
CHLORDANE										0.46999 U						0.46999 U
DELTA-BHC										0.04699 U						0.04699 U
DIELDRIN										0.09399 U						0.09399 U
ENDOSULFAN I										0.04699 U						0.04699 U
ENDOSULFAN II										0.09399 U						0.09399 U

LOCATION	03C25	03C25	03C25	03C25	03C25	03C25	03C25	03C26	03C26	03C26	03C26	03C26	03C26	03C27	03C27	03C27
NSAMPLE	AC251A00-F	AC252A00	AC252A00-F	AC253A00	AC253A00-F	AC254A00	AC254A00-F	AC261A00	AC261A00-F	AC262A00	AC262A00-F	AC263A00	AC263A00-F	AC271A00	AC271A00-F	AC272A00
SAMPLE	AC251A00F	AC252A00	AC252A00F	AC253A00	AC253A00F	AC254A00	AC254A00F	AC261A00	AC261A00F	AC262A00	AC262A00F	AC263A00	AC263A00F	AC271A00	AC271A00F	AC272A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/24/2000	5/25/2000	5/25/2000	9/7/2000	9/7/2000	11/29/2000	11/29/2000	3/29/2000	3/29/2000	6/21/2000	6/22/2000	9/14/2000	9/14/2000	3/28/2000	3/28/2000	6/21/2000
ENDOSULFAN SULFATE										0.09399 U						0.09399 U
ENDRIN										0.09399 U						0.09399 U
ENDRIN ALDEHYDE										0.09399 U						0.09399 U
GAMMA-BHC (LINDANE)										0.04699 U						0.04699 U
HEPTACHLOR										0.04699 U						0.04699 U
HEPTACHLOR EPOXIDE										0.04699 U						0.04699 U
METHOXYCHLOR										0.46999 U						0.46999 U
TOXAPHENE										4.7 U						4.7 U
Explosives (ug/L)																
1,3,5-TRINITROBENZENE				0.87999 U		0.64999 U		1 U		1.2 U		0.41999 U		0.87 U		1.3 U
1,3-DINITROBENZENE				0.87999 U		0.64999 U		1 U		1.2 U		0.41999 U		0.87 U		1.3 U
2,4,6-TRINITROTOLUENE				0.87999 U		0.64999 U		1 U		1.2 U		0.41999 U		0.87 U		1.3 U
2,4-DIAMINO-6-NITROTOLUENE				0.87999 U		0.64999 U										
2,4-DINITROTOLUENE				0.87999 U		0.64999 U		1 U		1.2 U		0.41999 U		0.87 U		1.3 U
2,6-DIAMINO-4-NITROTOLUENE				0.87999 U		0.64999 U										
2,6-DINITROTOLUENE				0.87999 U		0.64999 U		1 U		1.2 U		0.41999 U		0.87 U		1.3 U
2-AMINO-4,6-DINITROTOLUENE				0.87999 U		0.64999 U		1 U		1.2 U		0.41999 U		0.87 U		1.3 U
2-NITROTOLUENE				0.87999 U		0.64999 U		1 U		1.2 U		0.41999 U		0.87 U		1.3 U
3,5-DINITROANILINE				0.87999 U		0.64999 U										
3-NITROTOLUENE				0.87999 U		0.64999 U		1 U		1.2 U		0.41999 U		0.87 U		1.3 U
4,4'-TN-AZOXY				0.87999 U		0.64999 U										
4-AMINO-2,6-DINITROTOLUENE				0.87999 U		0.64999 U		1 U		1.2 U		0.41999 U		0.87 U		1.3 U
4-NITROTOLUENE				0.87999 U		0.64999 U		1 U		1.2 U		0.41999 U		0.87 U		1.3 U
HMX				0.87999 U		0.64999 U		1 U		1.2 U		0.41999 U		0.87 U		1.3 U
MNX				0.87999 U		0.64999 U										
NITROBENZENE				0.87999 U		0.64999 U		1 U		1.2 U		0.41999 U		0.87 U		1.3 U
NITROCELLULOSE				1000 U		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U
NITROGLYCERIN				8.8 U		6.5 U		10 U		12 U		4.2 U		8.7 U		13 U
PETN				4.4 U		3.2 U		5.1 U		5.9 U		2 U		4.3 U		6.4 U
PICRAMIC ACID				1.1 U		1 U										
PICRIC ACID				1.1 U		1 U										
RDX		0.84 U		0.87999 U		0.61 U		1.2		1.1 U		0.51999		0.81999 U		1.2 U
TETRYL				0.87999 U		0.64999 U		1 U		1.2 U		0.41999 U		0.87 U		1.3 U
TNX				0.87999 U		0.64999 U										
Herbicides (ug/L)																
2,4,5-T										0.2 U						0.21999 U
2,4,5-TP (SILVEX)										0.2 U						0.21999 U
2,4-D										0.2 U						0.21999 U
DINOSEB										0.2 U						0.21999 U
HEXACHLOROPHENE										0.5 U						0.54 U
Dioxins/Furans (pg/L)																
1,2,3,4,6,7,8,9-OCDD		5.5 U								18.9 U						15.2 U
1,2,3,4,6,7,8,9-OCDF		4.3 U								15.2 U						12.2 U
1,2,3,4,6,7,8-HPCDD		3.5 U								11.8 U						9.1 U
1,2,3,4,6,7,8-HPCDF		2.4 U								7.3 U						7.6 U
1,2,3,4,7,8,9-HPCDF		3.1 U								8.6 U						9.1 U
1,2,3,4,7,8-HXCDD		2.8 U								7.8 U						6.6 U
1,2,3,4,7,8-HXCDF		1.9 U								5.4 U						5.1 U
1,2,3,6,7,8-HXCDD		2.6 U								6.9 U						5.8 U

LOCATION	03C25	03C25	03C25	03C25	03C25	03C25	03C25	03C26	03C26	03C26	03C26	03C26	03C26	03C27	03C27	03C27
NSAMPLE	AC251A00-F	AC252A00	AC252A00-F	AC253A00	AC253A00-F	AC254A00	AC254A00-F	AC261A00	AC261A00-F	AC262A00	AC262A00-F	AC263A00	AC263A00-F	AC271A00	AC271A00-F	AC272A00
SAMPLE	AC251A00F	AC252A00	AC252A00F	AC253A00	AC253A00F	AC254A00	AC254A00F	AC261A00	AC261A00F	AC262A00	AC262A00F	AC263A00	AC263A00F	AC271A00	AC271A00F	AC272A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/24/2000	5/25/2000	5/25/2000	9/7/2000	9/7/2000	11/29/2000	11/29/2000	3/29/2000	3/29/2000	6/21/2000	6/22/2000	9/14/2000	9/14/2000	3/28/2000	3/28/2000	6/21/2000
1,2,3,6,7,8-HXCDF		1.7 U								4.7 U						4.5 U
1,2,3,7,8,9-HXCDD		2.6 U								7.2 U						6.1 U
1,2,3,7,8,9-HXCDF		2.3 U								6.1 U						5.8 U
1,2,3,7,8-PECDD		2.7 U								6 U						5.1 U
1,2,3,7,8-PECDF		1.4 U								3.2 U						2.8 U
2,3,4,6,7,8-HXCDF		2 U								5.6 U						5.3 U
2,3,4,7,8-PECDF		1.6 U								3.8 U						3.3 U
2,3,7,8-TCDD		1.7 U								4.1 U						3.6 U
2,3,7,8-TCDF		1.3 U								3.5 U						3.2 U
TOTAL HPCDD		3.5 U								11.8 U						9.1 U
TOTAL HPCDF		2.7 U								7.9 U						8.3 U
TOTAL HXCDD		2.7 U								7.3 U						6.2 U
TOTAL HXCDF		1.9 U								5.4 U						5.1 U
TOTAL PECDD		2.7 U								6 U						5.1 U
TOTAL PECDF		1.5 U								3.5 U						3 U
TOTAL TCDD		2.3 U								4.1 U						3.6 U
TOTAL TCDF		1.3 U								4.2 U						3.2 U
Total Inorganics (ug/L)																
ANTIMONY				1.1 U		1.1 U		1.1 U		1.1 U	1 U	1.1 U		1.1 U		1.1 U
ARSENIC				1.1 U		1.1 U		1.1 U		1.1 U	1 U	1.1 U		1.1 U		1.1 U
BARIUM				18.9		18.1		38.4		43.2	44.2	60		33.3		35.4
BERYLLIUM				1.1 U		1.1 U		1.1 U		1.1 U	1 U	1.1 U		1.1 U		1.1 U
CADMIUM				1.1 U		1.1 U		1.1 U		1.1 U	1 U	1.1 U		1.1 U		1.1 U
CALCIUM											98900					
CHROMIUM				5.6 U		5.6 U		5.6 U		5.6 U	5 U	5.6 U		5.6 U		5.6 U
COBALT				3.3 U		3.3 U		3.3 U		3.3 U	3 U	3.3 U		3.3 U		3.3 U
COPPER				2.2 U		2.2 U		2.2 U		2.2 U	2 U	2.2 U		2.2 U		2.2 U
IRON				408		414										
LEAD				1.1 U		1.1 U		1.1 U		1.1 U	1 U	1.1 U		1.1 U		1.1 U
MAGNESIUM											52200					
MANGANESE				26.1		22.3		27.6		27.7	24.9	16.7 U		16.7 U		16.7 U
MERCURY				0.2 U		0.2 U		0.2 U		0.2 U	0.2 U	0.2 U		0.2 U		0.2 U
NICKEL				11.1 U		11.1 U		11.1 U		11.1 U	10 U	11.1 U		11.1 U		11.1 U
POTASSIUM											1900					
SELENIUM				1.1 U		1.1 U		1.1 U		1.1 U	1 U	2.4		1.1 U		1.1 U
SILVER				3.3 U		3.3 U		3.3 U		3.3 U	3 U	3.3 U		3.3 U		3.3 U
SODIUM											15500					
THALLIUM				1.1 U		1.1 U		1.1 U		1.1 U	1 U	1.1 U		1.1 U		1.1 U
TIN				11.1 U		11.1 U		11.1 U		11.1 U	10 U	11.1 U		11.1 U		11.1 U
VANADIUM				2.2 U		2.2 U		2.2 U		2.2 U	2 U	2.2 U		2.2 U		2.2 U
ZINC				11.1 U		11.1 U		37.8		11.1 U	10 U	11.1 U		41.3		37.7
Dissolved Inorganics (ug/L)																
ANTIMONY	1.1 U		1 U		1 U		1 U		1.1 U		1 U		1 U		1.4	
ARSENIC	1.1 U		1 U		1 U		1 U		1.1 U		1 U		1 U		1.1 U	
BARIUM	16.9		15.2		16.4		17.8		39.7		44.2		38		34.1	
BERYLLIUM	1.1 U		1 U		1 U		1 U		1.1 U		1 U		1 U		1.1 U	
CADMIUM	1.1 U		1 U		1 U		1 U		1.1 U		1 U		1 U		1.1 U	
CALCIUM	0		104000		83000				95700		98900		78000		55300	
CHROMIUM	5.6 U		5 U		5 U		5 U		5.6 U		5 U		6		5.6 U	

LOCATION	03C25	03C25	03C25	03C25	03C25	03C25	03C25	03C26	03C26	03C26	03C26	03C26	03C26	03C27	03C27	03C27
NSAMPLE	AC251A00-F	AC252A00	AC252A00-F	AC253A00	AC253A00-F	AC254A00	AC254A00-F	AC261A00	AC261A00-F	AC262A00	AC262A00-F	AC263A00	AC263A00-F	AC271A00	AC271A00-F	AC272A00
SAMPLE	AC251A00F	AC252A00	AC252A00F	AC253A00	AC253A00F	AC254A00	AC254A00F	AC261A00	AC261A00F	AC262A00	AC262A00F	AC263A00	AC263A00F	AC271A00	AC271A00F	AC272A00
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/24/2000	5/25/2000	5/25/2000	9/7/2000	9/7/2000	11/29/2000	11/29/2000	3/29/2000	3/29/2000	6/21/2000	6/22/2000	9/14/2000	9/14/2000	3/28/2000	3/28/2000	6/21/2000
COBALT	3.3 U		3 U		3 U		3 U		3.3 U		3 U		3 U		3.3 U	
COPPER	2.2 U		2 U		2 U		2 U		2.2 U		2 U		2 U		2.2 U	
IRON																
LEAD	1.1 U		1 U		1 U		1 U		1.1 U		1 U		1 U		1.1 U	
MAGNESIUM	58600		60100		51400				49100		52200		44100		3090	
MANGANESE	23.7		25.3		22.7		22		27.2		24.9		27.2		16.7 U	
MERCURY	0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U	
NICKEL	11.1 U		10 U		10 U		10 U		11.1 U		10 U		10 U		11.1 U	
POTASSIUM	2430		2520		2390				1980		1900		1570		1110 U	
SELENIUM	1.1 U		1 U		1 U		1 U		1.1 U		1 U		1 U		1.1 U	
SILVER	3.3 U		3 U		3 U		3 U		3.3 U		3 U		3 U		3.3 U	
SODIUM	62000		60500		64000 J				15400		15500		15800 J		5440	
THALLIUM	1.1 U		1 U		1 U		1 U		1.1 U		1 U		1 U		1.1 U	
TIN	11.1 U		10 U		10 U		10 U		11.1 U		10 U		10 U		11.1 U	
VANADIUM	2.2 U		2 U		2 U		2 U		2.2 U		2 U		2 U		2.2 U	
ZINC	11.1 U		10 U		10 U		10 U		11.1 U		10 U		10 U		11.1 U	
Miscellaneous Parameters																
CHLORIDE (MG/L)						2		3.9		4.4				3.2		3.2
CYANIDE (MG/L)						0.01999 U		0.01 U		0.00999 U				0.01 U		0.016
ETHANE (NG/L)		68														
ETHENE (NG/L)		5 U														
METHANE (NG/L)																
METHANE (UG/L)		34.88														
PHOSPHORUS (ELEMENTAL) (MG/L)						0.34999		0.1 U		0.1 U				0.1 U		0.1 U
SULFATE (MG/L)						190		110		110				11		13
SULFIDE (MG/L)						1 U				1 U						1 U
TOTAL ORGANIC CARBON (MG/L)						1 U		1.1		1 U				1 U		1 U
TOTAL ORGANIC HALIDES (MG/L)						0.05 U		0.01999 U		0.01999 U				0.01999 U		0.01999 U
Dissolved Miscellaneous Parameters																
PHOSPHORUS (ELEMENTAL) (MG/L)	0.1 U		0.09				0.03999 U		0.15		0.1 U				0.1 U	

LOCATION	03C27	03C27	03C27	03C27	03C27	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A
NSAMPLE	AC272A00-F	AC273A00	AC273A00-F	AC274A00	AC274A00-F	AC301A00	AC301A00-F	AC302A00	AC302A00-F	AC303A00	AC303A00-F	AC304A00	AC304A00-F	ASPA1A00	ASPA1A00-D
SAMPLE	AC272A00F	AC273A00	AC273A00F	AC274A00	AC274A00F	AC301A00	AC301A00F	AC302A00	AC302A00F	AC303A00	AC303A00F	AC304A00	AC304A00F	ASPA1A00	FD03290001
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/21/2000	9/12/2000	9/12/2000	11/30/2000	11/30/2000	3/21/2000	3/21/2000	6/28/2000	6/28/2000	9/19/2000	9/19/2000	12/7/2000	12/7/2000	3/29/2000	3/29/2000
Volatile Organics (ug/L)															
1,1,1,2-TETRACHLOROETHANE								0.5 U							
1,1,1-TRICHLOROETHANE								0.5 U						0.5 U	0.5 U
1,1,2,2-TETRACHLOROETHANE								0.5 U							
1,1,2-TRICHLOROETHANE								0.5 U							
1,1-DICHLOROETHANE								0.5 U						0.5 U	0.5 U
1,1-DICHLOROETHENE				0.5 U		0.5 U		0.5 U				0.5 U		0.5 U	0.5 U
1,1-DICHLOROPROPENE								0.5 U							
1,2,3-TRICHLOROBENZENE								0.5 U							
1,2,3-TRICHLOROPROPANE								1 U							
1,2-DIBROMO-3-CHLOROPROPANE								1 U							
1,2-DIBROMOETHANE								0.5 U							
1,2-DICHLOROETHANE								0.5 U						0.5 U	0.5 U
1,2-DICHLOROPROPANE								0.5 U							
1,3-DICHLOROPROPANE								0.5 U							
1,4-DIOXANE								100 U							
2,2-DICHLOROPROPANE								0.5 U							
2-BUTANONE								10 U							
2-HEXANONE								10 U							
3-CHLOROPROPENE								10 U							
4-METHYL-2-PENTANONE								10 U							
ACETONE								10 U							
ACETONITRILE								40 U							
ACROLEIN								10 U							
ACRYLONITRILE								3 U							
BENZENE								0.5 U						0.5 U	0.5 U
BROMOCHLOROMETHANE								0.5 U							
BROMODICHLOROMETHANE								0.5 U							
BROMOFORM								0.5 U							
BROMOMETHANE								1 U							
CARBON DISULFIDE								0.5 U							
CARBON TETRACHLORIDE								0.3 U						0.3 U	0.3 U
CHLOROBENZENE								0.5 U							
CHLORODIBROMOMETHANE								0.5 U							
CHLOROETHANE								0.5 U						0.5 U	0.5 U
CHLOROFORM								0.3 U						0.3 U	0.3 U
CHLOROMETHANE								0.5 U							
CHLOROPRENE								3 U							
CIS-1,2-DICHLOROETHENE				0.5 U		0.5 U		0.5 U				0.5 U		0.5 U	0.5 U
CIS-1,3-DICHLOROPROPENE								0.3 U							
DIBROMOMETHANE								0.5 U							
DICHLORODIFLUOROMETHANE								0.5 U							
ETHYL METHACRYLATE								1 U							
ETHYLBENZENE								0.5 U						0.5 U	0.5 U
ISOBUTANOL								40 U							
M+P-XYLENES														0.5 U	0.5 U
M-XYLENE								1 U							
METHACRYLONITRILE								1 U							
METHYL IODIDE								0.5 U							

LOCATION	03C27	03C27	03C27	03C27	03C27	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A
NSAMPLE	AC272A00-F	AC273A00	AC273A00-F	AC274A00	AC274A00-F	AC301A00	AC301A00-F	AC302A00	AC302A00-F	AC303A00	AC303A00-F	AC304A00	AC304A00-F	ASPA1A00	ASPA1A00-D
SAMPLE	AC272A00F	AC273A00	AC273A00F	AC274A00	AC274A00F	AC301A00	AC301A00F	AC302A00	AC302A00F	AC303A00	AC303A00F	AC304A00	AC304A00F	ASPA1A00	FD03290001
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/21/2000	9/12/2000	9/12/2000	11/30/2000	11/30/2000	3/21/2000	3/21/2000	6/28/2000	6/28/2000	9/19/2000	9/19/2000	12/7/2000	12/7/2000	3/29/2000	3/29/2000
METHYL METHACRYLATE								2 U							
METHYLENE CHLORIDE								3 U						1 U	1 U
O-XYLENE								1 U						0.5 U	0.5 U
PROPIONITRILE								40 U							
STYRENE								0.5 U							
TETRACHLOROETHENE								0.5 U						0.5 U	0.5 U
TOLUENE								0.5 U						0.5 U	0.5 U
TOTAL XYLENES															
TRANS-1,2-DICHLOROETHENE				0.5 U		0.5 U		0.5 U				0.5 U		0.5 U	0.5 U
TRANS-1,3-DICHLOROPROPENE								0.5 U							
TRANS-1,4-DICHLORO-2-BUTENE								10 U							
TRICHLOROETHENE		3.8		3.8		0.5 U		0.5 U		0.5 U		0.5 U		0.3 J	0.5 U
TRICHLOROFLUOROMETHANE								0.5 U							
VINYL ACETATE								0.5 U							
VINYL CHLORIDE				0.5 U		0.5 U		0.5 U				0.5 U		0.5 U	0.5 U
Semivolatile Organics (ug/L)															
1,2,4,5-TETRACHLOROBENZENE								5 UJ							
1,2,4-TRICHLOROBENZENE								2 UJ							
1,2-DICHLOROBENZENE								2 UJ							
1,3-DICHLOROBENZENE								2 UJ							
1,4-DICHLOROBENZENE								2 UJ							
1,4-NAPHTHOQUINONE								5 UJ							
1,4-PHENYLENEDIAMINE								5 UJ							
1-NAPHTHYLAMINE								5 UJ							
2,2'-OXYBIS(1-CHLOROPROPANE)								3 UJ							
2,3,4,6-TETRACHLOROPHENOL								5 UJ							
2,4,5-TRICHLOROPHENOL								5 UJ							
2,4,6-TRICHLOROPHENOL								3 UJ							
2,4-DICHLOROPHENOL								3 UJ							
2,4-DIMETHYLPHENOL								5 UJ							
2,4-DINITROPHENOL								10 UJ							
2,6-DICHLOROPHENOL								5 UJ							
2-ACETYLAMINOFLUORENE								5 UJ							
2-CHLORONAPHTHALENE								2 UJ							
2-CHLOROPHENOL								3 UJ							
2-METHYLNAPHTHALENE								2 UJ							
2-METHYLPHENOL								2 UJ							
2-NAPHTHYLAMINE								5 UJ							
2-NITROANILINE								2 UJ							
2-NITROPHENOL								5 UJ							
2-PICOLINE								5 UJ							
3,3'-DICHLOROBENZIDINE								10 UJ							
3,3'-DIMETHYLBENZIDINE								5 UJ							
3-NITROANILINE								2 UJ							
4,6-DINITRO-2-METHYLPHENOL								10 UJ							
4-AMINOBIPHENYL								5 UJ							
4-BROMOPHENYL PHENYL ETHER								2 UJ							
4-CHLORO-3-METHYLPHENOL								2 UJ							
4-CHLOROANILINE								2 UJ							

LOCATION	03C27	03C27	03C27	03C27	03C27	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A
NSAMPLE	AC272A00-F	AC273A00	AC273A00-F	AC274A00	AC274A00-F	AC301A00	AC301A00-F	AC302A00	AC302A00-F	AC303A00	AC303A00-F	AC304A00	AC304A00-F	ASPA1A00	ASPA1A00-D
SAMPLE	AC272A00F	AC273A00	AC273A00F	AC274A00	AC274A00F	AC301A00	AC301A00F	AC302A00	AC302A00F	AC303A00	AC303A00F	AC304A00	AC304A00F	ASPA1A00	FD03290001
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/21/2000	9/12/2000	9/12/2000	11/30/2000	11/30/2000	3/21/2000	3/21/2000	6/28/2000	6/28/2000	9/19/2000	9/19/2000	12/7/2000	12/7/2000	3/29/2000	3/29/2000
4-CHLOROPHENYL PHENYL ETHER								1 UJ							
4-METHYLPHENOL								4 UJ							
4-NITROANILINE								2 UJ							
4-NITROPHENOL								10 UJ							
4-NITROQUINOLINE-1-OXIDE								5 UJ							
5-NITRO-O-TOLUIDINE								5 UJ							
7,12-DIMETHYLBENZ(A)ANTHRACENE								5 UJ							
A,A-DIMETHYLPHENETHYLAMINE								5 UJ							
ACENAPHTHENE								0.18999 U							
ACENAPHTHYLENE								0.18999 U							
ACETOPHENONE								5 UJ							
ANILINE								5 UJ							
ANTHRACENE								0.18999 U							
BENZO(A)ANTHRACENE								0.18999 U							
BENZO(A)PYRENE								0.18999 U							
BENZO(B)FLUORANTHENE								0.18999 U							
BENZO(G,H,I)PERYLENE								0.18999 U							
BENZO(K)FLUORANTHENE								0.18999 U							
BENZYL ALCOHOL								10 UJ							
BIS(2-CHLOROETHOXY)METHANE								5 UJ							
BIS(2-CHLOROETHYL)ETHER								1 UJ							
BIS(2-ETHYLHEXYL)PHTHALATE								2 UJ							
BUTYL BENZYL PHTHALATE								2 UJ							
CHLOROBENZILATE								5 UJ							
CHRYSENE								0.18999 U							
DI-N-BUTYL PHTHALATE								2 UJ							
DI-N-OCTYL PHTHALATE								2 UJ							
DIALLATE								5 UJ							
DIBENZO(A,H)ANTHRACENE								0.18999 U							
DIBENZOFURAN								1 UJ							
DIETHYL PHTHALATE								2 UJ							
DIMETHOATE								5 UJ							
DIMETHYL PHTHALATE								2 UJ							
DIPHENYLAMINE								5 UJ							
DISULFOTON								5 UJ							
ETHYL METHANE SULFONATE								5 UJ							
ETHYL PARATHION								5 UJ							
FAMPHUR								5 UJ							
FLUORANTHENE								0.18999 U							
FLUORENE								0.18999 U							
HEXACHLOROBENZENE								2 UJ							
HEXACHLOROBUTADIENE								1 UJ							
HEXACHLOROCYCLOPENTADIENE								2 UJ							
HEXACHLOROETHANE								2 UJ							
HEXACHLOROPROPENE								5 UJ							
INDENO(1,2,3-CD)PYRENE								0.18999 U							
ISODRIN								5 UJ							
ISOPHORONE								1 UJ							
ISOSAFROLE								5 UJ							

LOCATION	03C27	03C27	03C27	03C27	03C27	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A
NSAMPLE	AC272A00-F	AC273A00	AC273A00-F	AC274A00	AC274A00-F	AC301A00	AC301A00-F	AC302A00	AC302A00-F	AC303A00	AC303A00-F	AC304A00	AC304A00-F	ASPA1A00	ASPA1A00-D
SAMPLE	AC272A00F	AC273A00	AC273A00F	AC274A00	AC274A00F	AC301A00	AC301A00F	AC302A00	AC302A00F	AC303A00	AC303A00F	AC304A00	AC304A00F	ASPA1A00	FD03290001
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/21/2000	9/12/2000	9/12/2000	11/30/2000	11/30/2000	3/21/2000	3/21/2000	6/28/2000	6/28/2000	9/19/2000	9/19/2000	12/7/2000	12/7/2000	3/29/2000	3/29/2000
KEPONE								5 UJ							
METHAPYRILENE								5 UJ							
METHYL METHANE SULFONATE								5 UJ							
METHYL PARATHION								5 UJ							
N-NITROSO-DI-N-BUTYLAMINE								5 UJ							
N-NITROSO-DI-N-PROPYLAMINE								2 UJ							
N-NITROSODIETHYLAMINE								5 UJ							
N-NITROSODIMETHYLAMINE								10 UJ							
N-NITROSOMETHYLETHYLAMINE								5 UJ							
N-NITROSOMORPHOLINE								5 UJ							
N-NITROSOPIPERIDINE								5 UJ							
N-NITROSOPYRROLIDINE								5 UJ							
NAPHTHALENE								0.18999 U							
O,O,O-TRIETHYL PHOSPHOROTHIOAT								5 UJ							
O-TOLUIDINE								5 UJ							
P-(DIMETHYLAMINO)AZOBENZENE								5 UJ							
PENTACHLOROBENZENE								5 UJ							
PENTACHLOROETHANE								5 UJ							
PENTACHLORONITROBENZENE								5 UJ							
PENTACHLOROPHENOL								10 UJ							
PHENACETIN								5 UJ							
PHENANTHRENE								0.18999 U							
PHENOL								5 UJ							
PHORATE								5 UJ							
PRONAMIDE								5 UJ							
PYRENE								0.18999 U							
PYRIDINE								10 UJ							
SAFROLE								5 UJ							
SULFOTEPP								5 UJ							
THIONAZIN								5 UJ							
Pesticides/PCBs (ug/L)															
4,4'-DDD								0.1 U							
4,4'-DDE								0.1 U							
4,4'-DDT								0.1 U							
ALDRIN								0.05 U							
ALPHA-BHC								0.05 U							
AROCLOR-1016								1 U							
AROCLOR-1221								2 U							
AROCLOR-1232								1 U							
AROCLOR-1242								1 U							
AROCLOR-1248								1 U							
AROCLOR-1254								1 U							
AROCLOR-1260								1 U							
BETA-BHC								0.05 U							
CHLORDANE								0.5 U							
DELTA-BHC								0.05 U							
DIELDRIN								0.1 U							
ENDOSULFAN I								0.05 U							
ENDOSULFAN II								0.1 U							

LOCATION	03C27	03C27	03C27	03C27	03C27	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A
NSAMPLE	AC272A00-F	AC273A00	AC273A00-F	AC274A00	AC274A00-F	AC301A00	AC301A00-F	AC302A00	AC302A00-F	AC303A00	AC303A00-F	AC304A00	AC304A00-F	ASPA1A00	ASPA1A00-D
SAMPLE	AC272A00F	AC273A00	AC273A00F	AC274A00	AC274A00F	AC301A00	AC301A00F	AC302A00	AC302A00F	AC303A00	AC303A00F	AC304A00	AC304A00F	ASPA1A00	FD03290001
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/21/2000	9/12/2000	9/12/2000	11/30/2000	11/30/2000	3/21/2000	3/21/2000	6/28/2000	6/28/2000	9/19/2000	9/19/2000	12/7/2000	12/7/2000	3/29/2000	3/29/2000
ENDOSULFAN SULFATE								0.1 U							
ENDRIN								0.1 U							
ENDRIN ALDEHYDE								0.1 U							
GAMMA-BHC (LINDANE)								0.05 U							
HEPTACHLOR								0.05 U							
HEPTACHLOR EPOXIDE								0.05 U							
METHOXYCHLOR								0.5 U							
TOXAPHENE								5 U							
Explosives (ug/L)															
1,3,5-TRINITROBENZENE		1.1 U		0.68 U		1.3 U		1.1 U				0.68 U		0.66 U	1.9 U
1,3-DINITROBENZENE		1.1 U		0.68 U		1.3 U		1.1 U				0.68 U		0.66 U	1.9 U
2,4,6-TRINITROTOLUENE		1.1 U		0.68 U		1.3 U		1.1 U				0.68 U		0.69999	1.9 U
2,4-DIAMINO-6-NITROTOLUENE														0.66 U	1.9 U
2,4-DINITROTOLUENE		1.1 U		0.68 U		1.3 U		1.1 U				0.68 U		0.66 U	1.9 U
2,6-DIAMINO-4-NITROTOLUENE														0.66 U	1.9 U
2,6-DINITROTOLUENE		1.1 U		0.68 U		1.3 U		1.1 U				0.68 U		0.66 U	1.9 U
2-AMINO-4,6-DINITROTOLUENE		1.1 U		0.68 U		1.3 U		1.1 U				0.68 U		0.66 U	1.9 U
2-NITROTOLUENE		1.1 U		0.68 U		1.3 U		1.1 U				0.68 U		0.66 U	1.9 U
3,5-DINITROANILINE														0.66 U	1.9 U
3-NITROTOLUENE		1.1 U		0.68 U		1.3 U		1.1 U				0.68 U		0.66 U	1.9 U
4,4'-TN-AZOXY														0.66 U	1.9 U
4-AMINO-2,6-DINITROTOLUENE		1.1 U		0.68 U		1.3 U		1.1 U				0.68 U		0.66 U	1.9 U
4-NITROTOLUENE		1.1 U		0.68 U		1.3 U		1.1 U				0.68 U		0.66 U	1.9 U
HMX		1.1 U		0.68 U		1.3 U		1.1 U				0.68 U		5	5.3
MNX														0.66 U	1.9 U
NITROBENZENE		1.1 U		0.68 U		1.3 U		1.1 U				0.68 U		0.66 U	1.9 U
NITROCELLULOSE		1000 U		1000 U		1000 U		1000 U				1000 U		1000 U	1000 U
NITROGLYCERIN		11 U		6.8 U		13 U		11 U				6.8 U		6.6 U	20 U
PETN		5.3 U		3.3 U		6.3 U		5.6 U				3.3 U		3.3 U	9.6 U
PICRAMIC ACID														0.93999 U	0.93999 U
PICRIC ACID														0.93999 U	0.93999 U
RDX		1.1 U		0.62999 U		1.2 U		1.1 U		0.61 U		0.62999 U		7.4	8.5
TETRYL		1.1 U		0.68 U		1.3 U		1.1 U				0.68 U		0.66 U	1.9 U
TNX														0.66 U	1.9 U
Herbicides (ug/L)															
2,4,5-T								0.20999 U							
2,4,5-TP (SILVEX)								0.20999 U							
2,4-D								0.20999 U							
DINOSEB								0.20999 U							
HEXACHLOROPHENE								0.52999 U							
Dioxins/Furans (pg/L)															
1,2,3,4,6,7,8,9-OCDD								58.6 J							
1,2,3,4,6,7,8,9-OCDF								4.9 U							
1,2,3,4,6,7,8-HPCDD								5.5 U							
1,2,3,4,6,7,8-HPCDF								3.5 U							
1,2,3,4,7,8,9-HPCDF								4.6 U							
1,2,3,4,7,8-HXCDD								3.4 U							
1,2,3,4,7,8-HXCDF								3.2 U							
1,2,3,6,7,8-HXCDD								3.3 U							

LOCATION	03C27	03C27	03C27	03C27	03C27	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A
NSAMPLE	AC272A00-F	AC273A00	AC273A00-F	AC274A00	AC274A00-F	AC301A00	AC301A00-F	AC302A00	AC302A00-F	AC303A00	AC303A00-F	AC304A00	AC304A00-F	ASPA1A00	ASPA1A00-D
SAMPLE	AC272A00F	AC273A00	AC273A00F	AC274A00	AC274A00F	AC301A00	AC301A00F	AC302A00	AC302A00F	AC303A00	AC303A00F	AC304A00	AC304A00F	ASPA1A00	FD03290001
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/21/2000	9/12/2000	9/12/2000	11/30/2000	11/30/2000	3/21/2000	3/21/2000	6/28/2000	6/28/2000	9/19/2000	9/19/2000	12/7/2000	12/7/2000	3/29/2000	3/29/2000
1,2,3,6,7,8-HXCDF								3 U							
1,2,3,7,8,9-HXCDD								3.3 U							
1,2,3,7,8,9-HXCDF								4.1 U							
1,2,3,7,8-PECDD								3.3 U							
1,2,3,7,8-PECDF								2.5 U							
2,3,4,6,7,8-HXCDF								3.4 U							
2,3,4,7,8-PECDF								2.5 U							
2,3,7,8-TCDD								3.8 U							
2,3,7,8-TCDF								2.8 U							
TOTAL HPCDD								5.5 U							
TOTAL HPCDF								4 U							
TOTAL HXCDD								3.3 U							
TOTAL HXCDF								3.3 U							
TOTAL PECDD								3.3 U							
TOTAL PECDF								2.5 U							
TOTAL TCDD								3.8 U							
TOTAL TCDF								2.8 U							
Total Inorganics (ug/L)															
ANTIMONY	1 U	1.1 U		1.1 U		1.1 U		1.1 U	1 U			1.1 U		1.1 U	1.1 U
ARSENIC	1 U	1.1 U		1.1 U		1.1 U		1.1 U	1 U			1.1 U		1.1 U	1.1 U
BARIUM	36.9	38.4		37.2		61.1		58.6	54.2			54.7		68.1	67.7
BERYLLIUM	1 U	1.1 U		1.1 U		1.1 U		1.1 U	1 U			1.1 U		1.1 U	1.1 U
CADMIUM	1 U	1.1 U		1.1 U		1.1 U		1.1 U	1 U			1.1 U		1.1 U	1.1 U
CALCIUM	56800								75000						
CHROMIUM	5 U	5.6 U		5.6 U		5.6 U		5.6 U	5 U			5.6 U		5.6 U	5.6 U
COBALT	3 U	3.3 U		3.3 U		3.3 U		3.3 U	3 U			3.3 U		3.3 U	3.3 U
COPPER	2 U	2.2 U		2.2 U		2.2 U		2.2 U	2 U			2.2 U		2.2 U	2.2 U
IRON								111 U						111 U	164
LEAD	1 U	1.1 U		1.1 U		1.1 U		1.1 U	1 U			1.1 U		1.1 U	1.1 U
MAGNESIUM	3310								35400						
MANGANESE	15 U	16.7 U		16.7 U		16.8		21.6	37.9			25.4		16.7 U	16.7 U
MERCURY	0.2 U	0.2 U		0.2 U		0.2 U		0.2 U	0.2 U			0.2 U		0.2 U	0.2 U
NICKEL	10 U	11.1 U		11.1 U		11.1 U		11.1 U	10 U			11.1 U		11.1 U	11.1 U
POTASSIUM	1120								2250						
SELENIUM	1 U	1.7		1.1 U		1.1 U		1.1 U	1 U			5.3		1.1 U	1.1 U
SILVER	3 U	3.3 U		3.3 U		3.3 U		3.3 U	3 U			3.3 U		3.3 U	3.3 U
SODIUM	5610								56600						
THALLIUM	1 U	1.1 U		1.1 U		1.1 U		1.1 U	1 U			1.1 U		1.1 U	1.1 U
TIN	10 U	11.1 U		11.1 U		11.1 U		11.1 U	10 U			11.1 U		11.1 U	11.1 U
VANADIUM	2 U	2.2 U		2.2 U		2.2 U		2.2 U	2 U			2.2 U		2.2 U	2.2 U
ZINC	10 U	11.1 U		11.1 U		11.1 U		11.1 U	10 U			11.1 U		35.1	11.1 U
Dissolved Inorganics (ug/L)															
ANTIMONY	1 U		1 U		1 U		1.1 U		1 U				1 U		
ARSENIC	1 U		1 U		1 U		1.1 U		1 U				1 U		
BARIUM	36.9		35		37.8		46		54.2				49.5		
BERYLLIUM	1 U		1 U		1 U		1.1 U		1 U				1 U		
CADMIUM	1 U		1 U		1 U		1.1 U		1 U				1 U		
CALCIUM	56800		45200				55100		75000						
CHROMIUM	5 U		5 U		5 U		5.6 U		5 U				5 U		

LOCATION	03C27	03C27	03C27	03C27	03C27	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A
NSAMPLE	AC272A00-F	AC273A00	AC273A00-F	AC274A00	AC274A00-F	AC301A00	AC301A00-F	AC302A00	AC302A00-F	AC303A00	AC303A00-F	AC304A00	AC304A00-F	ASPA1A00	ASPA1A00-D
SAMPLE	AC272A00F	AC273A00	AC273A00F	AC274A00	AC274A00F	AC301A00	AC301A00F	AC302A00	AC302A00F	AC303A00	AC303A00F	AC304A00	AC304A00F	ASPA1A00	FD03290001
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/21/2000	9/12/2000	9/12/2000	11/30/2000	11/30/2000	3/21/2000	3/21/2000	6/28/2000	6/28/2000	9/19/2000	9/19/2000	12/7/2000	12/7/2000	3/29/2000	3/29/2000
COBALT	3 U		3 U		3 U		3.3 U		3 U				3 U		
COPPER	2 U		2 U		2 U		2.2 U		2 U				2 U		
IRON															
LEAD	1 U		1 U		1 U		1.1 U		1 U				1 U		
MAGNESIUM	3310		3010				30800		35400						
MANGANESE	15 U		15 U		15 U		16.7 U		37.9				31.1		
MERCURY	0.2 U		0.2 U		0.2 U		0.2 U		0.2 U				0.2 U		
NICKEL	10 U		10 U		10 U		11.1 U		10 U				10 U		
POTASSIUM	1120		1070				2290		2250						
SELENIUM	1 U		1		1 U		1.1 U		1 U				1 U		
SILVER	3 U		3 U		3 U		3.3 U		3 U				3 U		
SODIUM	5610		5420				69600		56600						
THALLIUM	1 U		1 U		1 U		1.1 U		1 U				1 U		
TIN	10 U		10 U		10 U		11.1 U		10 U				10 U		
VANADIUM	2 U		2 U		2 U		2.2 U		2 U				2 U		
ZINC	10 U		10 U		10 U		49.2		10 U				10 U		
Miscellaneous Parameters															
CHLORIDE (MG/L)				3		2		2.1		1.9		2		3.6	3.6
CYANIDE (MG/L)				0.01999 UJ		0.1 U		0.00999 U		0.00999 U		0.01999 U		0.01 U	0.01 U
ETHANE (NG/L)															
ETHENE (NG/L)															
METHANE (NG/L)															
METHANE (UG/L)															
PHOSPHORUS (ELEMENTAL) (MG/L)				0.02999		0.15999		0.1 U		0.1 UJ		0.34		0.11999	0.23999
SULFATE (MG/L)				8		120		130		120		140		35	35
SULFIDE (MG/L)								1 U						1 U	1 U
TOTAL ORGANIC CARBON (MG/L)				1 U		1 U		1 U		1 U		1.5		1.1	1 U
TOTAL ORGANIC HALIDES (MG/L)				0.05 U		0.01999 U		0.01999 U		0.01999 U		0.05 U		0.01999 U	0.01999 U
Dissolved Miscellaneous Parameters															
PHOSPHORUS (ELEMENTAL) (MG/L)	0.1 U				0.02999		0.1 U		0.1 U		0.1 UJ		0.01999 U		

LOCATION	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPA1A00-F	ASPA1A00-F-D	ASPA2A00	ASPA2A00-F	ASPA3A00	ASPA3A00-F	ASPA4A00	ASPA4A00-F	ASPC1A00	ASPC1A00-D	ASPC1A00-F	ASPC1A00-F-D	ASPC2A00	ASPC2A00-D
SAMPLE	ASPA1A00F	FD03290001F	ASPA2A00	ASPA2A00F	ASPA3A00	ASPA3A00F	ASPA4A00	ASPA4A00F	ASPC1A00	FD03140001	ASPC1A00F	FD03140001F	ASPC2A00	FD06280001
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/29/2000	3/29/2000	6/26/2000	6/26/2000	9/29/2000	9/29/2000	12/18/2000	12/18/2000	3/14/2000	3/14/2000	3/14/2000	3/14/2000	6/28/2000	6/28/2000
Volatile Organics (ug/L)														
1,1,1,2-TETRACHLOROETHANE			0.5 U											0.5 U
1,1,1-TRICHLOROETHANE			0.5 U				0.5 U		0.5 U	0.5 U			0.5 U	0.5 U
1,1,2,2-TETRACHLOROETHANE			0.5 U											0.5 U
1,1,2-TRICHLOROETHANE			0.5 U											0.5 U
1,1-DICHLOROETHANE			0.5 U				0.5 U		0.5 U	0.5 U			0.5 U	0.5 U
1,1-DICHLOROETHENE			0.5 U				0.5 U		0.5 U	0.5 U			0.5 U	0.5 U
1,1-DICHLOROPROPENE			0.5 U											0.5 U
1,2,3-TRICHLOROBENZENE			0.5 U											0.5 U
1,2,3-TRICHLOROPROPANE			1 U											1 U
1,2-DIBROMO-3-CHLOROPROPANE			1 U											1 U
1,2-DIBROMOETHANE			0.5 U											0.5 U
1,2-DICHLOROETHANE			0.5 U				0.5 U		0.5 U	0.5 U			0.5 U	0.5 U
1,2-DICHLOROPROPANE			0.5 U											0.5 U
1,3-DICHLOROPROPANE			0.5 U											0.5 U
1,4-DIOXANE			100 U										100 U	100 U
2,2-DICHLOROPROPANE			0.5 U											0.5 U
2-BUTANONE			10 U											10 U
2-HEXANONE			10 U											10 U
3-CHLOROPROPENE			10 U											10 U
4-METHYL-2-PENTANONE			10 U											10 U
ACETONE			10 U											10 U
ACETONITRILE			40 U										40 U	40 U
ACROLEIN			10 U											10 U
ACRYLONITRILE			3 U											3 U
BENZENE			0.5 U				0.5 U		0.5 U	0.5 U			0.5 U	0.5 U
BROMOCHLOROMETHANE			0.5 U											0.5 U
BROMODICHLOROMETHANE			0.5 U											0.5 U
BROMOFORM			0.5 U											0.5 U
BROMOMETHANE			1 U											1 U
CARBON DISULFIDE			0.5 U											0.5 U
CARBON TETRACHLORIDE			0.3 U				0.3 U		0.3 U	0.3 U			0.3 U	0.3 U
CHLOROBENZENE			0.5 U											0.5 U
CHLORODIBROMOMETHANE			0.5 U											0.5 U
CHLOROETHANE			0.5 U				0.5 U		0.5 U	0.5 U			0.5 U	0.5 U
CHLOROFORM			0.3 U				0.3 U		0.3 U	0.3 U			0.3 U	0.3 U
CHLOROMETHANE			0.5 U											0.5 U
CHLOROPRENE			3 U											3 U
CIS-1,2-DICHLOROETHENE			0.5 U				0.5 U		0.5 U	0.5 U			0.5 U	0.5 U
CIS-1,3-DICHLOROPROPENE			0.3 U											0.3 U
DIBROMOMETHANE			0.5 U											0.5 U
DICHLORODIFLUOROMETHANE			0.5 U											0.5 U
ETHYL METHACRYLATE			1 U											1 U
ETHYLBENZENE			0.5 U				0.5 U		0.5 U	0.5 U			0.5 U	0.5 U
ISOBUTANOL			40 U										40 U	40 U
M+P-XYLENES														
M-XYLENE			1 U											1 U
METHACRYLONITRILE			1 U											1 U
METHYL IODIDE			0.5 U											0.5 U

LOCATION	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPA1A00-F	ASPA1A00-F-D	ASPA2A00	ASPA2A00-F	ASPA3A00	ASPA3A00-F	ASPA4A00	ASPA4A00-F	ASPC1A00	ASPC1A00-D	ASPC1A00-F	ASPC1A00-F-D	ASPC2A00	ASPC2A00-D
SAMPLE	ASPA1A00F	FD03290001F	ASPA2A00	ASPA2A00F	ASPA3A00	ASPA3A00F	ASPA4A00	ASPA4A00F	ASPC1A00	FD03140001	ASPC1A00F	FD03140001F	ASPC2A00	FD06280001
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/29/2000	3/29/2000	6/26/2000	6/26/2000	9/29/2000	9/29/2000	12/18/2000	12/18/2000	3/14/2000	3/14/2000	3/14/2000	3/14/2000	6/28/2000	6/28/2000
METHYL METHACRYLATE			2 U											2 U
METHYLENE CHLORIDE			3 U				1 U		1 U	1 U			1 U	3 U
O-XYLENE			1 U											1 U
PROPIONITRILE			40 U										40 U	40 U
STYRENE			0.5 U											0.5 U
TETRACHLOROETHENE			0.5 U				0.5 U		0.5 U	0.5 U			0.5 U	0.5 U
TOLUENE			0.5 U				0.5 U		0.5 U	0.5 U			0.5 U	0.5 U
TOTAL XYLENES							1 U		1 U	1 U			1 U	
TRANS-1,2-DICHLOROETHENE			0.5 U				0.5 U		0.5 U	0.5 U			0.5 U	0.5 U
TRANS-1,3-DICHLOROPROPENE			0.5 U											0.5 U
TRANS-1,4-DICHLORO-2-BUTENE			10 U											10 U
TRICHLOROETHENE			0.5 U		0.5 U		0.5 U		0.5 U	0.5 U			0.5 U	0.5 U
TRICHLOROFLUOROMETHANE			0.5 U											0.5 U
VINYL ACETATE			0.5 U											0.5 U
VINYL CHLORIDE			0.5 U				0.5 U		0.5 U	0.5 U			0.5 U	0.5 U
Semivolatile Organics (ug/L)														
1,2,4,5-TETRACHLOROBENZENE			5 UJ										5 UJ	5 UJ
1,2,4-TRICHLOROBENZENE			2 UJ										2 UJ	2 UJ
1,2-DICHLOROBENZENE			2 UJ										2 UJ	2 UJ
1,3-DICHLOROBENZENE			2 UJ										2 UJ	2 UJ
1,4-DICHLOROBENZENE			2 UJ										2 UJ	2 UJ
1,4-NAPHTHOQUINONE			5 UJ										5 UJ	5 UJ
1,4-PHENYLENEDIAMINE			5 UJ										5 UJ	5 UJ
1-NAPHTHYLAMINE			5 UJ										5 UJ	5 UJ
2,2'-OXYBIS(1-CHLOROPROPANE)			3 UJ										3 UJ	3 UJ
2,3,4,6-TETRACHLOROPHENOL			5 UJ										5 UJ	5 UJ
2,4,5-TRICHLOROPHENOL			5 UJ										5 UJ	5 UJ
2,4,6-TRICHLOROPHENOL			3 UJ										3 UJ	3 UJ
2,4-DICHLOROPHENOL			3 UJ										3 UJ	3 UJ
2,4-DIMETHYLPHENOL			5 UJ										5 UJ	5 UJ
2,4-DINITROPHENOL			10 UJ										10 UJ	10 UJ
2,6-DICHLOROPHENOL			5 UJ										5 UJ	5 UJ
2-ACETYLAMINOFLUORENE			5 UJ										5 UJ	5 UJ
2-CHLORONAPHTHALENE			2 UJ										2 UJ	2 UJ
2-CHLOROPHENOL			3 UJ										3 UJ	3 UJ
2-METHYLNAPHTHALENE			2 UJ										2 UJ	2 UJ
2-METHYLPHENOL			2 UJ										2 UJ	2 UJ
2-NAPHTHYLAMINE			5 UJ										5 UJ	5 UJ
2-NITROANILINE			2 UJ										2 UJ	2 UJ
2-NITROPHENOL			5 UJ										5 UJ	5 UJ
2-PICOLINE			5 UJ										5 UJ	5 UJ
3,3'-DICHLOROBENZIDINE			10 UJ										10 UJ	10 UJ
3,3'-DIMETHYLBENZIDINE			5 UJ										5 UJ	5 UJ
3-NITROANILINE			2 UJ										2 UJ	2 UJ
4,6-DINITRO-2-METHYLPHENOL			10 UJ										10 UJ	10 UJ
4-AMINOBIPHENYL			5 UJ										5 UJ	5 UJ
4-BROMOPHENYL PHENYL ETHER			2 UJ										2 UJ	2 UJ
4-CHLORO-3-METHYLPHENOL			2 UJ										2 UJ	2 UJ
4-CHLOROANILINE			2 UJ										2 UJ	2 UJ

LOCATION	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPA1A00-F	ASPA1A00-F-D	ASPA2A00	ASPA2A00-F	ASPA3A00	ASPA3A00-F	ASPA4A00	ASPA4A00-F	ASPC1A00	ASPC1A00-D	ASPC1A00-F	ASPC1A00-F-D	ASPC2A00	ASPC2A00-D
SAMPLE	ASPA1A00F	FD03290001F	ASPA2A00	ASPA2A00F	ASPA3A00	ASPA3A00F	ASPA4A00	ASPA4A00F	ASPC1A00	FD03140001	ASPC1A00F	FD03140001F	ASPC2A00	FD06280001
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/29/2000	3/29/2000	6/26/2000	6/26/2000	9/29/2000	9/29/2000	12/18/2000	12/18/2000	3/14/2000	3/14/2000	3/14/2000	3/14/2000	6/28/2000	6/28/2000
4-CHLOROPHENYL PHENYL ETHER			1 UJ										1 UJ	1 UJ
4-METHYLPHENOL			4 UJ										4 UJ	4 UJ
4-NITROANILINE			2 UJ										2 UJ	2 UJ
4-NITROPHENOL			10 UJ										10 UJ	10 UJ
4-NITROQUINOLINE-1-OXIDE			5 UJ										5 UJ	5 UJ
5-NITRO-O-TOLUIDINE			5 UJ										5 UJ	5 UJ
7,12-DIMETHYLBENZ(A)ANTHRACENE			5 UJ										5 UJ	5 UJ
A,A-DIMETHYLPHENETHYLAMINE			5 UJ										5 UJ	5 UJ
ACENAPHTHENE			0.18999 U										0.18999 U	0.18999 U
ACENAPHTHYLENE			0.18999 U										0.18999 U	0.18999 U
ACETOPHENONE			5 UJ										5 UJ	5 UJ
ANILINE			5 UJ										5 UJ	5 UJ
ANTHRACENE			0.18999 U										0.18999 U	0.18999 U
BENZO(A)ANTHRACENE			0.18999 U										0.18999 U	0.18999 U
BENZO(A)PYRENE			0.18999 U										0.18999 U	0.18999 U
BENZO(B)FLUORANTHENE			0.18999 U										0.18999 U	0.18999 U
BENZO(G,H,I)PERYLENE			0.18999 U										0.18999 U	0.18999 U
BENZO(K)FLUORANTHENE			0.18999 U										0.18999 U	0.18999 U
BENZYL ALCOHOL			10 UJ										10 UJ	10 UJ
BIS(2-CHLOROETHOXY)METHANE			5 UJ										5 UJ	5 UJ
BIS(2-CHLOROETHYL)ETHER			1 UJ										1 UJ	1 UJ
BIS(2-ETHYLHEXYL)PHTHALATE			2 UJ										2 UJ	2 UJ
BUTYL BENZYL PHTHALATE			2 UJ										2 UJ	2 UJ
CHLOROBENZILATE			5 UJ										5 UJ	5 UJ
CHRYSENE			0.18999 U										0.18999 U	0.18999 U
DI-N-BUTYL PHTHALATE			2 UJ										2 UJ	2 UJ
DI-N-OCTYL PHTHALATE			2 UJ										2 UJ	2 UJ
DIALLATE			5 UJ										5 UJ	5 UJ
DIBENZO(A,H)ANTHRACENE			0.18999 U										0.18999 U	0.18999 U
DIBENZOFURAN			1 UJ										1 UJ	1 UJ
DIETHYL PHTHALATE			2 UJ										2 UJ	2 UJ
DIMETHOATE			5 UJ										5 UJ	5 UJ
DIMETHYL PHTHALATE			2 UJ										2 UJ	2 UJ
DIPHENYLAMINE			5 UJ										5 UJ	5 UJ
DISULFOTON			5 UJ										5 UJ	5 UJ
ETHYL METHANE SULFONATE			5 UJ										5 UJ	5 UJ
ETHYL PARATHION			5 UJ										5 UJ	5 UJ
FAMPHUR			5 UJ										5 UJ	5 UJ
FLUORANTHENE			0.18999 U										0.18999 U	0.18999 U
FLUORENE			0.18999 U										0.18999 U	0.18999 U
HEXACHLOROBENZENE			2 UJ										2 UJ	2 UJ
HEXACHLOROBUTADIENE			1 UJ										1 UJ	1 UJ
HEXACHLOROCYCLOPENTADIENE			2 UJ										2 UJ	2 UJ
HEXACHLOROETHANE			2 UJ										2 UJ	2 UJ
HEXACHLOROPROPENE			5 UJ										5 UJ	5 UJ
INDENO(1,2,3-CD)PYRENE			0.18999 U										0.18999 U	0.18999 U
ISODRIN			5 UJ										5 UJ	5 UJ
ISOPHORONE			1 UJ										1 UJ	1 UJ
ISOSAFROLE			5 UJ										5 UJ	5 UJ

LOCATION	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPA1A00-F	ASPA1A00-F-D	ASPA2A00	ASPA2A00-F	ASPA3A00	ASPA3A00-F	ASPA4A00	ASPA4A00-F	ASPC1A00	ASPC1A00-D	ASPC1A00-F	ASPC1A00-F-D	ASPC2A00	ASPC2A00-D
SAMPLE	ASPA1A00F	FD03290001F	ASPA2A00	ASPA2A00F	ASPA3A00	ASPA3A00F	ASPA4A00	ASPA4A00F	ASPC1A00	FD03140001	ASPC1A00F	FD03140001F	ASPC2A00	FD06280001
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/29/2000	3/29/2000	6/26/2000	6/26/2000	9/29/2000	9/29/2000	12/18/2000	12/18/2000	3/14/2000	3/14/2000	3/14/2000	3/14/2000	6/28/2000	6/28/2000
KEPONE			5 UJ										5 UJ	5 UJ
METHAPYRILENE			5 UJ										5 UJ	5 UJ
METHYL METHANE SULFONATE			5 UJ										5 UJ	5 UJ
METHYL PARATHION			5 UJ										5 UJ	5 UJ
N-NITROSO-DI-N-BUTYLAMINE			5 UJ										5 UJ	5 UJ
N-NITROSO-DI-N-PROPYLAMINE			2 UJ										2 UJ	2 UJ
N-NITROSODIETHYLAMINE			5 UJ										5 UJ	5 UJ
N-NITROSODIMETHYLAMINE			10 UJ										10 UJ	10 UJ
N-NITROSOMETHYLETHYLAMINE			5 UJ										5 UJ	5 UJ
N-NITROSOMORPHOLINE			5 UJ										5 UJ	5 UJ
N-NITROSOPIPERIDINE			5 UJ										5 UJ	5 UJ
N-NITROSOPYRROLIDINE			5 UJ										5 UJ	5 UJ
NAPHTHALENE			0.18999 U										0.18999 U	0.18999 U
O,O,O-TRIETHYL PHOSPHOROTHIOAT			5 UJ										5 UJ	5 UJ
O-TOLUIDINE			5 UJ										5 UJ	5 UJ
P-(DIMETHYLAMINO)AZOBENZENE			5 UJ										5 UJ	5 UJ
PENTACHLOROBENZENE			5 UJ										5 UJ	5 UJ
PENTACHLOROETHANE			5 UJ										5 UJ	5 UJ
PENTACHLORONITROBENZENE			5 UJ										5 UJ	5 UJ
PENTACHLOROPHENOL			10 UJ										10 UJ	10 UJ
PHENACETIN			5 UJ										5 UJ	5 UJ
PHENANTHRENE			0.18999 U										0.18999 U	0.18999 U
PHENOL			5 UJ										5 UJ	5 UJ
PHORATE			5 UJ										5 UJ	5 UJ
PRONAMIDE			5 UJ										5 UJ	5 UJ
PYRENE			0.18999 U										0.18999 U	0.18999 U
PYRIDINE			10 UJ										10 UJ	10 UJ
SAFROLE			5 UJ										5 UJ	5 UJ
SULFOTEPP			5 UJ										5 UJ	5 UJ
THIONAZIN			5 UJ										5 UJ	5 UJ
Pesticides/PCBs (ug/L)														
4,4'-DDD			0.09899 U										0.096 U	0.096 U
4,4'-DDE			0.09899 U										0.096 U	0.096 U
4,4'-DDT			0.09899 U										0.096 U	0.096 U
ALDRIN			0.05 U										0.048 U	0.048 U
ALPHA-BHC			0.05 U										0.048 U	0.048 U
AROCLOR-1016			0.99 U										0.95999 U	0.95999 U
AROCLOR-1221			2 U										1.9 U	1.9 U
AROCLOR-1232			0.99 U										0.95999 U	0.95999 U
AROCLOR-1242			0.99 U										0.95999 U	0.95999 U
AROCLOR-1248			0.99 U										0.95999 U	0.95999 U
AROCLOR-1254			0.99 U										0.95999 U	0.95999 U
AROCLOR-1260			0.99 U										0.95999 U	0.95999 U
BETA-BHC			0.05 U										0.048 U	0.048 U
CHLORDANE			0.5 U										0.47999 U	0.47999 U
DELTA-BHC			0.05 U										0.048 U	0.048 U
DIELDRIN			0.09899 U										0.096 U	0.096 U
ENDOSULFAN I			0.05 U										0.048 U	0.048 U
ENDOSULFAN II			0.09899 U										0.096 U	0.096 U

LOCATION	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPA1A00-F	ASPA1A00-F-D	ASPA2A00	ASPA2A00-F	ASPA3A00	ASPA3A00-F	ASPA4A00	ASPA4A00-F	ASPC1A00	ASPC1A00-D	ASPC1A00-F	ASPC1A00-F-D	ASPC2A00	ASPC2A00-D
SAMPLE	ASPA1A00F	FD03290001F	ASPA2A00	ASPA2A00F	ASPA3A00	ASPA3A00F	ASPA4A00	ASPA4A00F	ASPC1A00	FD03140001	ASPC1A00F	FD03140001F	ASPC2A00	FD06280001
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/29/2000	3/29/2000	6/26/2000	6/26/2000	9/29/2000	9/29/2000	12/18/2000	12/18/2000	3/14/2000	3/14/2000	3/14/2000	3/14/2000	6/28/2000	6/28/2000
ENDOSULFAN SULFATE			0.09899 U										0.096 U	0.096 U
ENDRIN			0.09899 U										0.096 U	0.096 U
ENDRIN ALDEHYDE			0.09899 U										0.096 U	0.096 U
GAMMA-BHC (LINDANE)			0.05 U										0.048 U	0.048 U
HEPTACHLOR			0.05 U										0.048 U	0.048 U
HEPTACHLOR EPOXIDE			0.05 U										0.048 U	0.048 U
METHOXYCHLOR			0.5 U										0.47999 U	0.47999 U
TOXAPHENE			5 U										4.8 U	4.8 U
Explosives (ug/L)														
1,3,5-TRINITROBENZENE			0.95999 U				0.73 U		0.95999 U	0.76999 U			0.79 U	1 U
1,3-DINITROBENZENE			0.95999 U				0.73 U		0.95999 U	0.76999 U			0.79 U	1 U
2,4,6-TRINITROTOLUENE			0.95999 U				0.73 U		0.95999 U	0.76999 U			0.79 U	1 U
2,4-DIAMINO-6-NITROTOLUENE			0.95999 U				0.73 U		0.95999 U	0.76999 U			0.79 U	1 U
2,4-DINITROTOLUENE			0.95999 U				0.73 U		0.95999 U	0.76999 U			0.79 U	1 U
2,6-DIAMINO-4-NITROTOLUENE			0.95999 U				0.73 U		0.95999 U	0.76999 U			0.79 U	1 U
2,6-DINITROTOLUENE			0.95999 U				0.73 U		0.95999 U	0.76999 U			0.79 U	1 U
2-AMINO-4,6-DINITROTOLUENE			0.95999 U				0.73 U		0.95999 U	0.76999 U			0.79 U	1 U
2-NITROTOLUENE			0.95999 U				0.73 U		0.95999 U	0.76999 U			0.79 U	1 U
3,5-DINITROANILINE			0.95999 U				0.73 U		0.95999 U	0.76999 U			0.79 U	1 U
3-NITROTOLUENE			0.95999 U				0.73 U		0.95999 U	0.76999 U			0.79 U	1 U
4,4'-TN-AZOXY			0.95999 U				0.73 U		0.95999 U	0.76999 U			0.79 U	1 U
4-AMINO-2,6-DINITROTOLUENE			1				0.73 U		0.95999 U	0.76999 U			0.79 U	1 U
4-NITROTOLUENE			0.95999 U				0.73 U		0.95999 U	0.76999 U			0.79 U	1 U
HMX			10				3		0.95999 U	0.76999 U			2	2.2
MNX			0.95999 U				0.73 U		0.95999 U	0.76999 U			0.79 U	1 U
NITROBENZENE			0.95999 U				0.73 U		0.95999 U	0.76999 U			0.79 U	1 U
NITROCELLULOSE			1000 U				1000 U		1000 U	1000 U			1000 U	1000 U
NITROGLYCERIN			9.6 U				7.3 U		9.6 U	7.7 U			7.9 U	10 U
PETN			4.7 U				3.6 U		4.7 U	3.8 U			3.9 U	5 U
PICRAMIC ACID			0.91 U				0.97 U		1.1 U	1 U			0.94999 U	0.93999 U
PICRIC ACID			0.91 U				0.97 U		1.1 U	1 U			0.94999 U	0.93999 U
RDX			11		9.2		1.9		1.8	1.7			4.1	5
TETRYL			0.95999 U				0.73 U		0.95999 U	0.76999 U			0.79 U	1 U
TNX			0.95999 U				0.73 U		0.95999 U	0.76999 U			0.79 U	1 U
Herbicides (ug/L)														
2,4,5-T			0.18999 U										0.2 U	0.18999 U
2,4,5-TP (SILVEX)			0.18999 U										0.2 U	0.18999 U
2,4-D			0.18999 U										0.2 U	0.18999 U
DINOSEB			0.18999 U										0.2 U	0.18999 U
HEXACHLOROPHENE			0.47999 U										0.49 U	0.47999 U
Dioxins/Furans (pg/L)														
1,2,3,4,6,7,8,9-OCDD			117 B										53.5 J	62.2 J
1,2,3,4,6,7,8,9-OCDF			6.6 U										4.6 U	6.9 U
1,2,3,4,6,7,8-HPCDD			6.6 U										4.4 U	7.2 U
1,2,3,4,6,7,8-HPCDF			3.7 U										4 U	4.7 U
1,2,3,4,7,8,9-HPCDF			4.8 U										5.2 U	6.2 U
1,2,3,4,7,8-HXCDD			4.1 U										4.2 U	4.2 U
1,2,3,4,7,8-HXCDF			3.3 U										3.6 U	4.1 U
1,2,3,6,7,8-HXCDD			4 U										4.1 U	4.1 U

LOCATION	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPA1A00-F	ASPA1A00-F-D	ASPA2A00	ASPA2A00-F	ASPA3A00	ASPA3A00-F	ASPA4A00	ASPA4A00-F	ASPC1A00	ASPC1A00-D	ASPC1A00-F	ASPC1A00-F-D	ASPC2A00	ASPC2A00-D
SAMPLE	ASPA1A00F	FD03290001F	ASPA2A00	ASPA2A00F	ASPA3A00	ASPA3A00F	ASPA4A00	ASPA4A00F	ASPC1A00	FD03140001	ASPC1A00F	FD03140001F	ASPC2A00	FD06280001
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/29/2000	3/29/2000	6/26/2000	6/26/2000	9/29/2000	9/29/2000	12/18/2000	12/18/2000	3/14/2000	3/14/2000	3/14/2000	3/14/2000	6/28/2000	6/28/2000
1,2,3,6,7,8-HXCDF			3.1 U										3.3 U	3.9 U
1,2,3,7,8,9-HXCDD			4 U										4.2 U	4.1 U
1,2,3,7,8,9-HXCDF			4.2 U										4.6 U	5.3 U
1,2,3,7,8-PECDD			4.8 U										4.9 U	4.9 U
1,2,3,7,8-PECDF			3.9 U										4 U	3.7 U
2,3,4,6,7,8-HXCDF			3.5 U										3.8 U	4.4 U
2,3,4,7,8-PECDF			3.9 U										3.9 U	3.7 U
2,3,7,8-TCDD			5.2 U										6.4 U	5.4 U
2,3,7,8-TCDF			4 U										5.1 U	4.5 U
TOTAL HPCDD			6.6 U										4.4 U	7.2 U
TOTAL HPCDF			4.2 U										4.6 U	5.4 U
TOTAL HXCDD			4 U										4.2 U	4.1 U
TOTAL HXCDF			3.5 U										3.8 U	4.3 U
TOTAL PECDD			4.8 U										4.9 U	4.9 U
TOTAL PECDF			3.9 U										3.9 U	3.7 U
TOTAL TCDD			5.2 U										6.4 U	5.4 U
TOTAL TCDF			4 U										5.1 U	79.8 U
Total Inorganics (ug/L)														
ANTIMONY			1.1 U	1 U			1.1 U		1.1 U	1.1 U			1.1 U	1.1 U
ARSENIC			1.1 U	1 U			1.1 U		1.1 U	1.1 U			1.1 U	1.1 U
BARIUM			104	107			51.4		43.7	41.4			64	62.1
BERYLLIUM			1.1 U	1 U			1.1 U		1.1 U	1.1 U			1.1 U	1.1 U
CADMIUM			1.1 U	1 U			1.1 U		1.1 U	1.1 U			1.1 U	1.1 U
CALCIUM				30000										
CHROMIUM			5.6 U	5 U			5.6 U		5.6 U	5.6 U			5.6 U	5.6 U
COBALT			3.3 U	3 U			3.3 U		3.3 U	3.3 U			3.3 U	3.3 U
COPPER			2.2 U	2 U			2.2 U		2.2 U	2.2 U			2.2 U	2.2 U
IRON			125				224		111 U	111 U			123	111 U
LEAD			1.1 U	1 U			1.1 U		1.1 U	1.1 U			1.1 U	1.1 U
MAGNESIUM				6610										
MANGANESE			16.7 U	15 U			16.7 U		16.7 U	16.7 U			16.7 U	16.7 U
MERCURY			0.2 U	0.2 U			0.2 U		0.2 U	0.2 U			0.2 U	0.2 U
NICKEL			11.1 U	10 U			11.1 U		11.1 U	11.1 U			11.1 U	11.1 U
POTASSIUM				5000										
SELENIUM			1.1 U	1 U			1.1 U		1.1 U	1.1 U			1.1 U	1.1 U
SILVER			3.3 U	3 U			3.3 U		3.3 U	3.3 U			3.3 U	3.3 U
SODIUM				3540										
THALLIUM			1.1 U	1 U			1.1 U		1.1 U	1.1 U			1.1 U	1.1 U
TIN			11.1 U	10 U			11.1 U		11.1 U	11.1 U			11.1 U	11.1 U
VANADIUM			2.2 U	2 U			2.2 U		2.2 U	2.2 U			2.2 U	2.2 U
ZINC			15.4	10 U			11.1 U		77.6	11.1 U			11.1 U	11.1 U
Dissolved Inorganics (ug/L)														
ANTIMONY	1.1 U	1.1 U		1 U				1 U			1.1 U	1.1 U		
ARSENIC	1.1 U	1.1 U		1 U				1 U			1.1 U	1.1 U		
BARIUM	64.7	67.4		107				49.9			38.4	40.2		
BERYLLIUM	1.1 U	1.1 U		1 U				1 U			1.1 U	1.1 U		
CADMIUM	1.1 U	1.1 U		1 U				1 U			1.1 U	1.1 U		
CALCIUM	22400	22500		30000							23800	23900		
CHROMIUM	5.6 U	5.6 U		5 U				5 U			5.6 U	5.6 U		

LOCATION	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPA1A00-F	ASPA1A00-F-D	ASPA2A00	ASPA2A00-F	ASPA3A00	ASPA3A00-F	ASPA4A00	ASPA4A00-F	ASPC1A00	ASPC1A00-D	ASPC1A00-F	ASPC1A00-F-D	ASPC2A00	ASPC2A00-D
SAMPLE	ASPA1A00F	FD03290001F	ASPA2A00	ASPA2A00F	ASPA3A00	ASPA3A00F	ASPA4A00	ASPA4A00F	ASPC1A00	FD03140001	ASPC1A00F	FD03140001F	ASPC2A00	FD06280001
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/29/2000	3/29/2000	6/26/2000	6/26/2000	9/29/2000	9/29/2000	12/18/2000	12/18/2000	3/14/2000	3/14/2000	3/14/2000	3/14/2000	6/28/2000	6/28/2000
COBALT	3.3 U	3.3 U		3 U				3 U			3.3 U	3.3 U		
COPPER	2.2 U	2.2 U		2 U				2 U			2.2 U	2.2 U		
IRON														
LEAD	1.1 U	1.1 U		1 U				1 U			1.1 U	1.1 U		
MAGNESIUM	5720	5780		6610							5020	5010		
MANGANESE	16.7 U	16.7 U		15 U				15 U			16.7 U	16.7 U		
MERCURY	0.2 U	0.2 U		0.2 U				0.2 U			0.2 U	0.2 U		
NICKEL	11.1 U	11.1 U		10 U				10 U			11.1 U	11.1 U		
POTASSIUM	2560	2620		5000							1110 U	1120		
SELENIUM	1.1 U	1.1 U		1 U				1 U			1.1 U	1.1 U		
SILVER	3.3 U	3.3 U		3 U				3 U			3.3 U	3.3 U		
SODIUM	3480	3540		3540							3290	3290		
THALLIUM	1.1 U	1.1 U		1 U				1 U			1.1 U	1.1 U		
TIN	11.1 U	11.1 U		10 U				10 U			11.1 U	11.1 U		
VANADIUM	2.2 U	2.2 U		2 U				2 U			2.2 U	2.2 U		
ZINC	11.1 U	287		10 U				10 U			11.1 U	13.1		
Miscellaneous Parameters														
CHLORIDE (MG/L)					2.7		2		4.3	4.3				
CYANIDE (MG/L)					0.00999 U		0.00999 UJ		0.1 U	0.1 U				
ETHANE (NG/L)			5 U										5 U	5 U
ETHENE (NG/L)			5 U										5 U	5 U
METHANE (NG/L)														
METHANE (UG/L)			0.131										0.109	0.116
PHOSPHORUS (ELEMENTAL) (MG/L)					0.1 U		0.1 U		0.1 U	0.1 U				
SULFATE (MG/L)					27		28		30	30				
SULFIDE (MG/L)					1 UJ		1 U		1 U	1 U				
TOTAL ORGANIC CARBON (MG/L)					1.6		2		1.4	1.1				
TOTAL ORGANIC HALIDES (MG/L)					0.01999 U		0.05 U		0.01999 U	0.01999 U				
Dissolved Miscellaneous Parameters														
PHOSPHORUS (ELEMENTAL) (MG/L)	0.1 U	0.11999		0.1 U		0.1 U		0.1 U			0.1 U	0.1 U		

LOCATION	03-SPR-C	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPC2A00-F	ASPC2A00-F-D	ASPC3A00	ASPC3A00-D	ASPC3A00-F	ASPC3A00-F-D	ASPC4A00	ASPC4A00-F
SAMPLE	ASPC2A00F	FD06280001F	ASPC3A00	FD09290001	ASPC3A00F	FD09290001F	ASPC4A00	ASPC4A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/28/2000	6/28/2000	9/29/2000	9/29/2000	9/29/2000	9/29/2000	12/19/2000	12/19/2000
Volatile Organics (ug/L)								
1,1,1,2-TETRACHLOROETHANE								
1,1,1-TRICHLOROETHANE							0.5 U	
1,1,2,2-TETRACHLOROETHANE								
1,1,2-TRICHLOROETHANE								
1,1-DICHLOROETHANE							0.5 U	
1,1-DICHLOROETHENE							0.5 U	
1,1-DICHLOROPROPENE								
1,2,3-TRICHLOROBENZENE								
1,2,3-TRICHLOROPROPANE								
1,2-DIBROMO-3-CHLOROPROPANE								
1,2-DIBROMOETHANE								
1,2-DICHLOROETHANE							0.5 U	
1,2-DICHLOROPROPANE								
1,3-DICHLOROPROPANE								
1,4-DIOXANE								
2,2-DICHLOROPROPANE								
2-BUTANONE								
2-HEXANONE								
3-CHLOROPROPENE								
4-METHYL-2-PENTANONE								
ACETONE								
ACETONITRILE								
ACROLEIN								
ACRYLONITRILE								
BENZENE							0.5 U	
BROMOCHLOROMETHANE								
BROMODICHLOROMETHANE								
BROMOFORM								
BROMOMETHANE								
CARBON DISULFIDE								
CARBON TETRACHLORIDE							0.3 U	
CHLOROBENZENE								
CHLORODIBROMOMETHANE								
CHLOROETHANE							0.5 U	
CHLOROFORM							0.3 U	
CHLOROMETHANE								
CHLOROPRENE								
CIS-1,2-DICHLOROETHENE							0.5 U	
CIS-1,3-DICHLOROPROPENE								
DIBROMOMETHANE								
DICHLORODIFLUOROMETHANE								
ETHYL METHACRYLATE								
ETHYLBENZENE							0.5 U	
ISOBUTANOL								
M+P-XYLENES								
M-XYLENE								
METHACRYLONITRILE								
METHYL IODIDE								

LOCATION	03-SPR-C	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPC2A00-F	ASPC2A00-F-D	ASPC3A00	ASPC3A00-D	ASPC3A00-F	ASPC3A00-F-D	ASPC4A00	ASPC4A00-F
SAMPLE	ASPC2A00F	FD06280001F	ASPC3A00	FD09290001	ASPC3A00F	FD09290001F	ASPC4A00	ASPC4A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/28/2000	6/28/2000	9/29/2000	9/29/2000	9/29/2000	9/29/2000	12/19/2000	12/19/2000
METHYL METHACRYLATE								
METHYLENE CHLORIDE							1 U	
O-XYLENE								
PROPIONITRILE								
STYRENE								
TETRACHLOROETHENE							0.5 U	
TOLUENE							0.5 U	
TOTAL XYLENES							1 U	
TRANS-1,2-DICHLOROETHENE							0.5 U	
TRANS-1,3-DICHLOROPROPENE								
TRANS-1,4-DICHLORO-2-BUTENE								
TRICHLOROETHENE			0.5 U				0.5 U	
TRICHLOROFLUOROMETHANE								
VINYL ACETATE								
VINYL CHLORIDE							0.5 U	
Semivolatile Organics (ug/L)								
1,2,4,5-TETRACHLOROBENZENE								
1,2,4-TRICHLOROBENZENE								
1,2-DICHLOROBENZENE								
1,3-DICHLOROBENZENE								
1,4-DICHLOROBENZENE								
1,4-NAPHTHOQUINONE								
1,4-PHENYLENEDIAMINE								
1-NAPHTHYLAMINE								
2,2'-OXYBIS(1-CHLOROPROPANE)								
2,3,4,6-TETRACHLOROPHENOL								
2,4,5-TRICHLOROPHENOL								
2,4,6-TRICHLOROPHENOL								
2,4-DICHLOROPHENOL								
2,4-DIMETHYLPHENOL								
2,4-DINITROPHENOL								
2,6-DICHLOROPHENOL								
2-ACETYLAMINOFLUORENE								
2-CHLORONAPHTHALENE								
2-CHLOROPHENOL								
2-METHYLNAPHTHALENE								
2-METHYLPHENOL								
2-NAPHTHYLAMINE								
2-NITROANILINE								
2-NITROPHENOL								
2-PICOLINE								
3,3'-DICHLOROBENZIDINE								
3,3'-DIMETHYLBENZIDINE								
3-NITROANILINE								
4,6-DINITRO-2-METHYLPHENOL								
4-AMINOBIPHENYL								
4-BROMOPHENYL PHENYL ETHER								
4-CHLORO-3-METHYLPHENOL								
4-CHLOROANILINE								

LOCATION	03-SPR-C	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPC2A00-F	ASPC2A00-F-D	ASPC3A00	ASPC3A00-D	ASPC3A00-F	ASPC3A00-F-D	ASPC4A00	ASPC4A00-F
SAMPLE	ASPC2A00F	FD06280001F	ASPC3A00	FD09290001	ASPC3A00F	FD09290001F	ASPC4A00	ASPC4A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/28/2000	6/28/2000	9/29/2000	9/29/2000	9/29/2000	9/29/2000	12/19/2000	12/19/2000
4-CHLOROPHENYL PHENYL ETHER								
4-METHYLPHENOL								
4-NITROANILINE								
4-NITROPHENOL								
4-NITROQUINOLINE-1-OXIDE								
5-NITRO-O-TOLUIDINE								
7,12-DIMETHYLBENZ(A)ANTHRACENE								
A;A-DIMETHYLPHENETHYLAMINE								
ACENAPHTHENE								
ACENAPHTHYLENE								
ACETOPHENONE								
ANILINE								
ANTHRACENE								
BENZO(A)ANTHRACENE								
BENZO(A)PYRENE								
BENZO(B)FLUORANTHENE								
BENZO(G,H,I)PERYLENE								
BENZO(K)FLUORANTHENE								
BENZYL ALCOHOL								
BIS(2-CHLOROETHOXY)METHANE								
BIS(2-CHLOROETHYL)ETHER								
BIS(2-ETHYLHEXYL)PHTHALATE								
BUTYL BENZYL PHTHALATE								
CHLOROBENZILATE								
CHRYSENE								
DI-N-BUTYL PHTHALATE								
DI-N-OCTYL PHTHALATE								
DIALLATE								
DIBENZO(A,H)ANTHRACENE								
DIBENZOFURAN								
DIETHYL PHTHALATE								
DIMETHOATE								
DIMETHYL PHTHALATE								
DIPHENYLAMINE								
DISULFOTON								
ETHYL METHANE SULFONATE								
ETHYL PARATHION								
FAMPHUR								
FLUORANTHENE								
FLUORENE								
HEXACHLOROBENZENE								
HEXACHLOROBUTADIENE								
HEXACHLOROCYCLOPENTADIENE								
HEXACHLOROETHANE								
HEXACHLOROPROPENE								
INDENO(1,2,3-CD)PYRENE								
ISODRIN								
ISOPHORONE								
ISOSAFROLE								

LOCATION	03-SPR-C	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPC2A00-F	ASPC2A00-F-D	ASPC3A00	ASPC3A00-D	ASPC3A00-F	ASPC3A00-F-D	ASPC4A00	ASPC4A00-F
SAMPLE	ASPC2A00F	FD06280001F	ASPC3A00	FD09290001	ASPC3A00F	FD09290001F	ASPC4A00	ASPC4A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/28/2000	6/28/2000	9/29/2000	9/29/2000	9/29/2000	9/29/2000	12/19/2000	12/19/2000
KEPONE								
METHAPYRILENE								
METHYL METHANE SULFONATE								
METHYL PARATHION								
N-NITROSO-DI-N-BUTYLAMINE								
N-NITROSO-DI-N-PROPYLAMINE								
N-NITROSODIETHYLAMINE								
N-NITROSODIMETHYLAMINE								
N-NITROSOMETHYLETHYLAMINE								
N-NITROSOMORPHOLINE								
N-NITROSOPIPERIDINE								
N-NITROSOPYRROLIDINE								
NAPHTHALENE								
O,O,O-TRIETHYL PHOSPHOROTHIOAT								
O-TOLUIDINE								
P-(DIMETHYLAMINO)AZOBENZENE								
PENTACHLOROBENZENE								
PENTACHLOROETHANE								
PENTACHLORONITROBENZENE								
PENTACHLOROPHENOL								
PHENACETIN								
PHENANTHRENE								
PHENOL								
PHORATE								
PRONAMIDE								
PYRENE								
PYRIDINE								
SAFROLE								
SULFOTEPP								
THIONAZIN								
Pesticides/PCBs (ug/L)								
4,4'-DDD								
4,4'-DDE								
4,4'-DDT								
ALDRIN								
ALPHA-BHC								
AROCLOR-1016								
AROCLOR-1221								
AROCLOR-1232								
AROCLOR-1242								
AROCLOR-1248								
AROCLOR-1254								
AROCLOR-1260								
BETA-BHC								
CHLORDANE								
DELTA-BHC								
DIELDRIN								
ENDOSULFAN I								
ENDOSULFAN II								

LOCATION	03-SPR-C	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPC2A00-F	ASPC2A00-F-D	ASPC3A00	ASPC3A00-D	ASPC3A00-F	ASPC3A00-F-D	ASPC4A00	ASPC4A00-F
SAMPLE	ASPC2A00F	FD06280001F	ASPC3A00	FD09290001	ASPC3A00F.	FD09290001F	ASPC4A00	ASPC4A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/28/2000	6/28/2000	9/29/2000	9/29/2000	9/29/2000	9/29/2000	12/19/2000	12/19/2000
ENDOSULFAN SULFATE								
ENDRIN								
ENDRIN ALDEHYDE								
GAMMA-BHC (LINDANE)								
HEPTACHLOR								
HEPTACHLOR EPOXIDE								
METHOXYCHLOR								
TOXAPHENE								
Explosives (ug/L)								
1,3,5-TRINITROBENZENE							1.2 U	
1,3-DINITROBENZENE							1.2 U	
2,4,6-TRINITROTOLUENE							1.2 U	
2,4-DIAMINO-6-NITROTOLUENE							1.2 U	
2,4-DINITROTOLUENE							1.2 U	
2,6-DIAMINO-4-NITROTOLUENE							1.2 U	
2,6-DINITROTOLUENE							1.2 U	
2-AMINO-4,6-DINITROTOLUENE							1.2 U	
2-NITROTOLUENE							1.2 U	
3,5-DINITROANILINE							1.2 U	
3-NITROTOLUENE							1.2 U	
4,4'-TN-AZOXY							1.2 U	
4-AMINO-2,6-DINITROTOLUENE							1.2 U	
4-NITROTOLUENE							1.2 U	
HMX							1.2 U	
MNX							1.2 U	
NITROBENZENE							1.2 U	
NITROCELLULOSE							1000 U	
NITROGLYCERIN							12 U	
PETN							6.1 U	
PICRAMIC ACID							0.97 U	
PICRIC ACID							0.97 U	
RDX			3.2				1.7	
TETRYL							1.2 U	
TNX							1.2 U	
Herbicides (ug/L)								
2,4,5-T								
2,4,5-TP (SILVEX)								
2,4-D								
DINOSEB								
HEXACHLOROPHENE								
Dioxins/Furans (pg/L)								
1,2,3,4,6,7,8,9-OCDD								
1,2,3,4,6,7,8,9-OCDF								
1,2,3,4,6,7,8-HPCDD								
1,2,3,4,6,7,8-HPCDF								
1,2,3,4,7,8,9-HPCDF								
1,2,3,4,7,8-HXCDD								
1,2,3,4,7,8-HXCDF								
1,2,3,6,7,8-HXCDD								

LOCATION	03-SPR-C	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPC2A00-F	ASPC2A00-F-D	ASPC3A00	ASPC3A00-D	ASPC3A00-F	ASPC3A00-F-D	ASPC4A00	ASPC4A00-F
SAMPLE	ASPC2A00F	FD06280001F	ASPC3A00	FD09290001	ASPC3A00F	FD09290001F	ASPC4A00	ASPC4A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/28/2000	6/28/2000	9/29/2000	9/29/2000	9/29/2000	9/29/2000	12/19/2000	12/19/2000
1,2,3,6,7,8-HXCDF								
1,2,3,7,8,9-HXCDD								
1,2,3,7,8,9-HXCDF								
1,2,3,7,8-PECDD								
1,2,3,7,8-PECDF								
2,3,4,6,7,8-HXCDF								
2,3,4,7,8-PECDF								
2,3,7,8-TCDD								
2,3,7,8-TCDF								
TOTAL HPCDD								
TOTAL HPCDF								
TOTAL HXCDD								
TOTAL HXCDF								
TOTAL PECDD								
TOTAL PECDF								
TOTAL TCDD								
TOTAL TCDF								
Total Inorganics (ug/L)								
ANTIMONY	1 U	1 U					1.1 U	
ARSENIC	1 U	1 U					1.1 U	
BARIUM	61.6	62.3					39.2	
BERYLLIUM	1 U	1 U					1.1 U	
CADMIUM	1 U	1 U					1.1 U	
CALCIUM	34100	33600						
CHROMIUM	5 U	5 U					5.6 U	
COBALT	3 U	3 U					3.3 U	
COPPER	2 U	2 U					2.2 U	
IRON							197	
LEAD	1 U	1 U					1.1 U	
MAGNESIUM	5830	5770						
MANGANESE	15 U	15 U					16.7 U	
MERCURY	0.2 U	0.2 U					0.2 U	
NICKEL	10 U	10 U					11.1 U	
POTASSIUM	1410	1290						
SELENIUM	1 U	1 U					1.1 U	
SILVER	3 U	3 U					3.3 U	
SODIUM	3090	3080						
THALLIUM	1 U	1 U					1.1 U	
TIN	10 U	10 U					11.1 U	
VANADIUM	2 U	2 U					2.2 U	
ZINC	10 U	10 U					11.1 U	
Dissolved Inorganics (ug/L)								
ANTIMONY	1 U	1 U						1.3
ARSENIC	1 U	1 U						1 U
BARIUM	61.6	62.3						38.7
BERYLLIUM	1 U	1 U						1 U
CADMIUM	1 U	1 U						1 U
CALCIUM	34100	33600						
CHROMIUM	5 U	5 U						5 U

SWMU 03 - Ammunition Burning Ground
NSWC Crane
Summary of 2000 Groundwater Data

LOCATION	03-SPR-C	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPC2A00-F	ASPC2A00-F-D	ASPC3A00	ASPC3A00-D	ASPC3A00-F	ASPC3A00-F-D	ASPC4A00	ASPC4A00-F
SAMPLE	ASPC2A00F	FD06280001F	ASPC3A00	FD09290001	ASPC3A00F	FD09290001F	ASPC4A00	ASPC4A00F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/28/2000	6/28/2000	9/29/2000	9/29/2000	9/29/2000	9/29/2000	12/19/2000	12/19/2000
COBALT	3 U	3 U						3 U
COPPER	2 U	2 U						2 U
IRON								
LEAD	1 U	1 U						1 U
MAGNESIUM	5830	5770						
MANGANESE	15 U	15 U						15 U
MERCURY	0.2 U	0.2 U						0.2 U
NICKEL	10 U	10 U						10 U
POTASSIUM	1410	1290						
SELENIUM	1 U	1 U						1 U
SILVER	3 U	3 U						3 U
SODIUM	3090	3080						
THALLIUM	1 U	1 U						1 U
TIN	10 U	10 U						10 U
VANADIUM	2 U	2 U						2 U
ZINC	10 U	10 U						10 U
Miscellaneous Parameters								
CHLORIDE (MG/L)			2.6	2.4			2	
CYANIDE (MG/L)			0.00999 U	0.00999 U			0.00999 UJ	
ETHANE (NG/L)								
ETHENE (NG/L)								
METHANE (NG/L)								
METHANE (UG/L)								
PHOSPHORUS (ELEMENTAL) (MG/L)			0.1 U	0.1 U			0.1 U	
SULFATE (MG/L)			23	22			23	
SULFIDE (MG/L)			1 UJ	1 UJ			1 U	
TOTAL ORGANIC CARBON (MG/L)			1.3	1.8			1.5	
TOTAL ORGANIC HALIDES (MG/L)			0.01999 U	0.01999 U			0.05 U	
Dissolved Miscellaneous Parameters								
PHOSPHORUS (ELEMENTAL) (MG/L)	0.1 U	0.1 U			0.1 U	0.1 U		0.17

SWMU 03 – AMMUNITION BURING GROUND

2001 GROUND WATER MONITORING DATA

SWMU 03 - Amm[illegible]n Burning Ground
NSWC Crane
Summary of 2001 Groundwater Data

LOCATION	03B02	03B02	03B02	03B02	03B04	03B04	03B04	03B04	03B04	03B04	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2
NSAMPLE	AB021A01	AB021A01-F	AB022A01	AB022A01-F	AB041A01	AB041A01-D	AB041A01-F	AB041A01-F-D	AB042A01	AB042A01-F	AC02P21A01	AC02P21A01-F	AC02P22A01	AC02P22A01-F	AC02P23A01
SAMPLE	AB021A01	AB021A01F	AB022A01	AB022A01F	AB041A01	FD03080101	AB041A01F	FD03080101F	AB042A01	AB042A01F	AC02P21A01	AC02P21A01F	AC02P22A01	AC02P22A01F	AC02P23A01
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/7/2001	3/7/2001	6/21/2001	6/21/2001	3/8/2001	3/8/2001	3/8/2001	3/8/2001	6/21/2001	6/21/2001	3/5/2001	3/5/2001	6/13/2001	6/13/2001	9/10/2001
Volatile Organics (ug/L)															
1,1,1,2-TETRACHLOROETHANE			0.5 U						0.5 U				0.5 U		
1,1,1-TRICHLOROETHANE			0.5 U						0.5 U				0.5 U		
1,1,2,2-TETRACHLOROETHANE			0.5 U						0.5 U				0.5 U		
1,1,2-TRICHLOROETHANE			0.5 U						0.5 U				0.5 U		
1,1-DICHLOROETHANE			0.5 U						0.5 U				0.5 U		
1,1-DICHLOROETHENE	0.5 U		0.5 U		0.5 U	0.5 U			0.5 U		0.5 U		0.5 U		0.5 U
1,1-DICHLOROPROPENE			0.5 U						0.5 U				0.5 U		
1,2,3-TRICHLOROBENZENE			0.5 U						0.5 U				0.5 U		
1,2,3-TRICHLOROPROPANE			1 U						1 U				1 U		
1,2-DIBROMO-3-CHLOROPROPANE			1 U						1 U				1 U		
1,2-DIBROMOETHANE			0.5 U						0.5 U				0.5 U		
1,2-DICHLOROETHANE			0.5 U						0.5 U				0.5 U		
1,2-DICHLOROPROPANE			0.5 U						0.5 U				0.5 U		
1,3-DICHLOROPROPANE			0.5 U						0.5 U				0.5 U		
1,4-DIOXANE			100 U						100 U				100 U		
2,2-DICHLOROPROPANE			0.5 U						0.5 U				0.5 U		
2-BUTANONE			10 U						10 U				10 U		
2-HEXANONE			10 U						10 U				10 U		
3-CHLOROPROPENE			10 U						10 U				10 U		
4-METHYL-2-PENTANONE			10 U						10 U				10 U		
ACETONE			10 U						10 U				10 U		
ACETONITRILE			40 U						40 U				40 U		
ACROLEIN			10 U						10 U				10 U		
ACRYLONITRILE			3 U						3 U				3 U		
BENZENE			0.5 U						0.5 U				0.5 U		
BROMOCHLOROMETHANE			0.5 U						0.5 U				0.5 U		
BROMODICHLOROMETHANE			0.5 U						0.5 U				0.5 U		
BROMOFORM			0.5 U						0.5 U				0.5 U		
BROMOMETHANE			1 U						1 U				1 U		
CARBON DISULFIDE			0.5 U						0.5 U				0.5 U		
CARBON TETRACHLORIDE			0.3 U						0.3 U				0.3 U		
CHLOROBENZENE			0.5 U						0.5 U				0.5 U		
CHLORODIBROMOMETHANE			0.5 U						0.5 U				0.5 U		
CHLOROETHANE			0.5 U						0.5 U				0.5 U		
CHLOROFORM			0.3 U						0.3 U				0.3 U		
CHLOROMETHANE			0.5 U						0.5 U				0.5 U		
CHLOROPRENE			3 U						3 U				3 U		
CIS-1,2-DICHLOROETHENE	0.5 U		0.5 U		0.5 U	0.5 U			0.5 U		0.5 U		0.4 J		0.5 U
CIS-1,3-DICHLOROPROPENE			0.3 U						0.3 U				0.3 U		
DIBROMOMETHANE			0.5 U						0.5 U				0.5 U		
DICHLORODIFLUOROMETHANE			0.5 U						0.5 U				0.5 U		
ETHYL METHACRYLATE			1 U						1 U				1 U		
ETHYLBENZENE			0.5 U						0.5 U				0.5 U		
ISOBUTANOL			40 U						40 U				40 U		
METHACRYLONITRILE			1 U						1 U				1 U		
METHYL IODIDE			0.5 U						0.5 U				0.5 U		
METHYL METHACRYLATE			2 U						2 U				2 U		
METHYLENE CHLORIDE			3 U						3 U				3 U		
PROPIONITRILE			40 U						40 U				40 U		
STYRENE			0.5 U						0.5 U				0.5 U		

LOCATION	03B02	03B02	03B02	03B02	03B04	03B04	03B04	03B04	03B04	03B04	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2
NSAMPLE	AB021A01	AB021A01-F	AB022A01	AB022A01-F	AB041A01	AB041A01-D	AB041A01-F	AB041A01-F-D	AB042A01	AB042A01-F	AC02P21A01	AC02P21A01-F	AC02P22A01	AC02P22A01-F	AC02P23A01
SAMPLE	AB021A01	AB021A01F	AB022A01	AB022A01F	AB041A01	FD03080101	AB041A01F	FD03080101F	AB042A01	AB042A01F	AC02P21A01	AC02P21A01F	AC02P22A01	AC02P22A01F	AC02P23A01
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/7/2001	3/7/2001	6/21/2001	6/21/2001	3/8/2001	3/8/2001	3/8/2001	3/8/2001	6/21/2001	6/21/2001	3/5/2001	3/5/2001	6/13/2001	6/13/2001	9/10/2001
TETRACHLOROETHENE			0.5 U						0.5 U				0.5 U		
TOLUENE			0.5 U						0.5 U				0.5 U		
TOTAL XYLENES			1 U						1 U				1 U		
TRANS-1,2-DICHLOROETHENE	0.5 U		0.5 U		0.5 U	0.5 U			0.5 U		0.5 U		0.5 U		0.5 U
TRANS-1,3-DICHLOROPROPENE			0.5 U						0.5 U				0.5 U		
TRANS-1,4-DICHLORO-2-BUTENE			10 U						10 U				10 U		
TRICHLOROETHENE	0.5 U		0.5 U		0.5 U	0.5 U			0.5 U		5		9.4		7.1
TRICHLOROFLUOROMETHANE			0.5 U						0.5 U				0.5 U		
VINYL ACETATE			0.5 U						0.5 U				0.5 U		
VINYL CHLORIDE	0.5 U		0.5 U		0.5 U	0.5 U			0.5 U		0.5 U		0.5 U		0.5 U
Semivolatile Organics (ug/L)															
1,2,4,5-TETRACHLOROBENZENE			5 U						5 U				5 U		
1,2,4-TRICHLOROBENZENE			2 U						2 U				2 U		
1,2-DICHLOROBENZENE			2 U						2 U				2 U		
1,3-DICHLOROBENZENE			2 U						2 U				2 U		
1,4-DICHLOROBENZENE			2 U						2 U				2 U		
1,4-NAPHTHOQUINONE			5 U						5 U				5 U		
1,4-PHENYLENEDIAMINE			5 U						5 U				5 U		
1-NAPHTHYLAMINE			5 U						5 U				5 U		
2,2'-OXYBIS(1-CHLOROPROPANE)			3 U						3 U				3 U		
2,3,4,6-TETRACHLOROPHENOL			5 U						5 U				5 U		
2,4,5-TRICHLOROPHENOL			5 U						5 U				5 U		
2,4,6-TRICHLOROPHENOL			3 U						3 U				3 U		
2,4-DICHLOROPHENOL			3 U						3 U				3 U		
2,4-DIMETHYLPHENOL			5 U						5 U				5 U		
2,4-DINITROPHENOL			10 U						10 U				10 U		
2,6-DICHLOROPHENOL			5 U						5 U				5 U		
2-ACETYLAMINOFLUORENE			5 U						5 U				5 U		
2-CHLORONAPHTHALENE			2 U						2 U				2 U		
2-CHLOROPHENOL			3 U						3 U				3 U		
2-METHYLNAPHTHALENE			0.1 U						0.1 U				0.1 U		
2-METHYLPHENOL			2 U						2 U				2 U		
2-NAPHTHYLAMINE			5 U						5 U				5 U		
2-NITROANILINE			2 U						2 U				2 U		
2-NITROPHENOL			5 U						5 U				5 U		
2-PICOLINE			5 U						5 U				5 U		
3&4-METHYLPHENOL			4 U						4 U				4 U		
3,3'-DICHLOROBENZIDINE			5 U						5 U				5 U		
3,3'-DIMETHYLBENZIDINE			5 U						5 U				5 U		
3-METHYLCHOLANTHRENE			5 U						5 U				5 U		
3-NITROANILINE			2 U						2 U				2 U		
4,6-DINITRO-2-METHYLPHENOL			5 U						5 U				5 U		
4-AMINOBIPHENYL			5 U						5 U				5 U		
4-BROMOPHENYL PHENYL ETHER			2 U						2 U				2 U		
4-CHLORO-3-METHYLPHENOL			2 U						2 U				2 U		
4-CHLOROANILINE			2 U						2 U				2 U		
4-CHLOROPHENYL PHENYL ETHER			1 U						1 U				1 U		
4-NITROANILINE			2 U						2 U				2 U		
4-NITROPHENOL			5 U						5 U				5 U		
4-NITROQUINOLINE-1-OXIDE			5 U						5 U				5 U		
5-NITRO-O-TOLUIDINE			5 U						5 U				5 U		

LOCATION	03B02	03B02	03B02	03B02	03B04	03B04	03B04	03B04	03B04	03B04	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2
NSAMPLE	AB021A01	AB021A01-F	AB022A01	AB022A01-F	AB041A01	AB041A01-D	AB041A01-F	AB041A01-F-D	AB042A01	AB042A01-F	AC02P21A01	AC02P21A01-F	AC02P22A01	AC02P22A01-F	AC02P23A01
SAMPLE	AB021A01	AB021A01F	AB022A01	AB022A01F	AB041A01	FD03080101	AB041A01F	FD03080101F	AB042A01	AB042A01F	AC02P21A01	AC02P21A01F	AC02P22A01	AC02P22A01F	AC02P23A01
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/7/2001	3/7/2001	6/21/2001	6/21/2001	3/8/2001	3/8/2001	3/8/2001	3/8/2001	6/21/2001	6/21/2001	3/5/2001	3/5/2001	6/13/2001	6/13/2001	9/10/2001
7,12-DIMETHYLBENZ(A)ANTHRACENE			5 U						5 U				5 U		
A,A-DIMETHYLPHENETHYLAMINE			10 U						10 U				10 U		
ACENAPHTHENE			0.1 U						0.1 U				0.1 U		
ACENAPHTHYLENE			0.1 U						0.1 U				0.1 U		
ACETOPHENONE			5 U						5 U				5 U		
ANILINE			5 U						5 U				5 U		
ANTHRACENE			0.1 U						0.1 U				0.1 U		
ARAMITE			5 U						5 U				5 U		
BENZO(A)ANTHRACENE			0.1 U						0.1 U				0.1 U		
BENZO(A)PYRENE			0.1 U						0.1 U				0.1 U		
BENZO(B)FLUORANTHENE			0.1 U						0.1 U				0.1 U		
BENZO(G,H,I)PERYLENE			0.1 U						0.1 U				0.1 U		
BENZO(K)FLUORANTHENE			0.1 U						0.1 U				0.1 U		
BENZYL ALCOHOL			5 U						5 U				5 U		
BIS(2-CHLOROETHOXY)METHANE			5 U						5 U				5 U		
BIS(2-CHLOROETHYL)ETHER			1 U						1 U				1 U		
BIS(2-ETHYLHEXYL)PHTHALATE			2 U						2 U				2 U		
BUTYL BENZYL PHTHALATE			2 U						2 U				2 U		
CHLOROBENZILATE			5 U						5 U				5 U		
CHRYSENE			0.1 U						0.1 U				0.1 U		
DI-N-BUTYL PHTHALATE			2 U						2 U				2 U		
DI-N-OCTYL PHTHALATE			2 U						2 U				2 U		
DIALLATE			5 U						5 U				5 U		
DIBENZO(A,H)ANTHRACENE			0.1 U						0.1 U				0.1 U		
DIBENZOFURAN			1 U						1 U				1 U		
DIETHYL PHTHALATE			2 U						2 U				2 U		
DIMETHOATE			5 U						5 U				5 U		
DIMETHYL PHTHALATE			2 U						2 U				2 U		
DIPHENYLAMINE			5 U						5 U				5 U		
DISULFOTON			5 U						5 U				5 U		
ETHYL METHANE SULFONATE			5 U						5 U				5 U		
ETHYL PARATHION			5 U						5 U				5 U		
FAMPHUR			10 U						10 U				10 U		
FLUORANTHENE			0.1 U						0.1 U				0.1 U		
FLUORENE			0.1 U						0.1 U				0.1 U		
HEXACHLOROBENZENE			2 U						2 U				2 U		
HEXACHLOROBUTADIENE			1 U						1 U				1 U		
HEXACHLOROCYCLOPENTADIENE			2 U						2 U				2 U		
HEXACHLOROETHANE			2 U						2 U				2 U		
HEXACHLOROPROPENE			5 U						5 U				5 U		
INDENO(1,2,3-CD)PYRENE			0.1 U						0.1 U				0.1 U		
ISODRIN			5 U						5 U				5 U		
ISOPHORONE			1 U						1 U				1 U		
ISOSAFROLE			5 U						5 U				5 U		
KEPONE			5 U						5 U				5 U		
METHAPYRILENE			5 U						5 U				5 U		
METHYL METHANE SULFONATE			5 U						5 U				5 U		
METHYL PARATHION			5 U						5 U				5 U		
N-NITROSO-DI-N-BUTYLAMINE			5 U						5 U				5 U		
N-NITROSO-DI-N-PROPYLAMINE			2 U						2 U				2 U		
N-NITROSODIETHYLAMINE			5 U						5 U				5 U		

LOCATION	03B02	03B02	03B02	03B02	03B04	03B04	03B04	03B04	03B04	03B04	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2
NSAMPLE	AB021A01	AB021A01-F	AB022A01	AB022A01-F	AB041A01	AB041A01-D	AB041A01-F	AB041A01-F-D	AB042A01	AB042A01-F	AC02P21A01	AC02P21A01-F	AC02P22A01	AC02P22A01-F	AC02P23A01
SAMPLE	AB021A01	AB021A01F	AB022A01	AB022A01F	AB041A01	FD03080101	AB041A01F	FD03080101F	AB042A01	AB042A01F	AC02P21A01	AC02P21A01F	AC02P22A01	AC02P22A01F	AC02P23A01
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/7/2001	3/7/2001	6/21/2001	6/21/2001	3/8/2001	3/8/2001	3/8/2001	3/8/2001	6/21/2001	6/21/2001	3/5/2001	3/5/2001	6/13/2001	6/13/2001	9/10/2001
N-NITROSODIMETHYLAMINE			5 U						5 U				5 U		
N-NITROSOMETHYLETHYLAMINE			5 U						5 U				5 U		
N-NITROSOMORPHOLINE			5 U						5 U				5 U		
N-NITROSOPIPERIDINE			5 U						5 U				5 U		
N-NITROSOPYRROLIDINE			5 U						5 U				5 U		
NAPHTHALENE			0.1 U						0.1 U				0.1 U		
O,O,O-TRIETHYL PHOSPHOROTHIOAT			5 U						5 U				5 U		
O-TOLUIDINE			5 U						5 U				5 U		
P-(DIMETHYLAMINO)AZOBENZENE			5 U						5 U				5 U		
PENTACHLOROBENZENE			5 U						5 U				5 U		
PENTACHLOROETHANE			5 U						5 U				5 U		
PENTACHLORONITROBENZENE			5 U						5 U				5 U		
PENTACHLOROPHENOL			5 U						5 U				5 U		
PHENACETIN			5 U						5 U				5 U		
PHENANTHRENE			0.1 U						0.1 U				0.1 U		
PHENOL			5 U						5 U				5 U		
PHORATE			5 U						5 U				5 U		
PRONAMIDE			5 U						5 U				5 U		
PYRENE			0.1 U						0.1 U				0.1 U		
PYRIDINE			5 U						5 U				5 U		
SAFROLE			5 U						5 U				5 U		
SULFOTEPP			5 U						5 U				5 U		
THIONAZIN			5 U						5 U				5 U		
Pesticides/PCBs (ug/L)															
4,4'-DDD			0.02099 U						0.01999 U				0.01999 U		
4,4'-DDE			0.02099 U						0.01999 U				0.01999 U		
4,4'-DDT			0.02099 U						0.01999 U				0.01999 U		
ALDRIN			0.00999 U						0.00999 U				0.00999 U		
ALPHA-BHC			0.00999 U						0.00999 U				0.00999 U		
ALPHA-CHLORDANE			0.00999 U						0.00999 U				0.00999 U		
AROCLOR-1016			0.20999 U						0.2 U				0.2 U		
AROCLOR-1221			0.40999 U						0.40999 U				0.4 U		
AROCLOR-1232			0.20999 U						0.2 U				0.2 U		
AROCLOR-1242			0.20999 U						0.2 U				0.2 U		
AROCLOR-1248			0.20999 U						0.2 U				0.2 U		
AROCLOR-1254			0.20999 U						0.2 U				0.2 U		
AROCLOR-1260			0.20999 U						0.2 U				0.2 U		
BETA-BHC			0.00999 U						0.00999 U				0.00999 U		
DELTA-BHC			0.00999 U						0.00999 U				0.00999 U		
DIELDRIN			0.02099 U						0.01999 U				0.01999 U		
ENDOSULFAN I			0.00999 U						0.00999 U				0.00999 U		
ENDOSULFAN II			0.02099 U						0.01999 U				0.01999 U		
ENDOSULFAN SULFATE			0.02099 U						0.01999 U				0.01999 U		
ENDRIN			0.02099 U						0.01999 U				0.01999 U		
ENDRIN ALDEHYDE			0.02099 U						0.01999 U				0.01999 U		
ENDRIN KETONE			0.02099 U						0.01999 U				0.01999 U		
GAMMA-BHC (LINDANE)			0.00999 U						0.00999 U				0.00999 U		
GAMMA-CHLORDANE			0.00999 U						0.00999 U				0.00999 U		
HEPTACHLOR			0.00999 U						0.00999 U				0.00999 U		
HEPTACHLOR EPOXIDE			0.00999 U						0.00999 U				0.00999 U		
METHOXYCHLOR			0.1 U						0.1 U				0.1 U		

LOCATION	03B02	03B02	03B02	03B02	03B04	03B04	03B04	03B04	03B04	03B04	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2
NSAMPLE	AB021A01	AB021A01-F	AB022A01	AB022A01-F	AB041A01	AB041A01-D	AB041A01-F	AB041A01-F-D	AB042A01	AB042A01-F	AC02P21A01	AC02P21A01-F	AC02P22A01	AC02P22A01-F	AC02P23A01
SAMPLE	AB021A01	AB021A01F	AB022A01	AB022A01F	AB041A01	FD03080101	AB041A01F	FD03080101F	AB042A01	AB042A01F	AC02P21A01	AC02P21A01F	AC02P22A01	AC02P22A01F	AC02P23A01
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/7/2001	3/7/2001	6/21/2001	6/21/2001	3/8/2001	3/8/2001	3/8/2001	3/8/2001	6/21/2001	6/21/2001	3/5/2001	3/5/2001	6/13/2001	6/13/2001	9/10/2001
TOXAPHENE			1 U						1 U				1 U		
Explosives (ug/L)															
1,3,5-TRINITROBENZENE	0.79 U		0.31 U		0.81 U	0.34 U			0.34999 U		0.94999 U		0.70999 U		0.52999 U
1,3-DINITROBENZENE	0.79 U		0.31 U		0.81 U	0.34 U			0.34999 U		0.94999 U		0.70999 U		0.52999 U
2,4,6-TRINITROTOLUENE	0.79 U		0.31 U		0.81 U	0.34 U			0.34999 U		0.94999 U		0.70999 U		0.52999 U
2,4-DINITROTOLUENE	0.79 U		0.31 U		0.81 U	0.34 U			0.34999 U		0.94999 U		0.70999 U		0.52999 U
2,6-DINITROTOLUENE	0.79 U		0.31 U		0.81 U	0.34 U			0.34999 U		0.94999 U		0.70999 U		0.52999 U
2-AMINO-4,6-DINITROTOLUENE	0.79 U		0.31 U		0.81 U	0.34 U			0.34999 U		0.94999 U		0.70999 U		0.52999 U
2-NITROTOLUENE	0.79 U		0.31 U		0.81 U	0.34 U			0.34999 U		0.94999 U		0.70999 U		0.52999 U
3-NITROTOLUENE	0.79 U		0.31 U		0.81 U	0.34 U			0.34999 U		0.94999 U		0.70999 U		0.52999 U
4-AMINO-2,6-DINITROTOLUENE	0.79 U		0.31 U		0.81 U	0.34 U			0.34999 U		0.94999 U		0.70999 U		0.52999 U
4-NITROTOLUENE	0.79 U		0.31 U		0.81 U	0.34 U			0.34999 U		0.94999 U		0.70999 U		0.52999 U
HMX	0.79 U		0.31 U		0.81 U	0.34 U			0.34999 U		5.1		27		18
NITROBENZENE	0.79 U		0.31 U		0.81 U	0.34 U			0.34999 U		0.94999 U		0.70999 U		0.52999 U
NITROCELLULOSE	1000 U		1000 U		1000 U	1000 U			1000 U		1000 U		1000 U		1000 U
NITROGLYCERIN	7.9 U		3.1 U		8.1 U	3.4 U			3.5 U		9.5 U		7.2 U		5.3 U
PETN	3.9 U		1.5 U		4 U	1.7 U			1.7 U		4.7 U		3.5 U		2.6 U
RDX	0.79 U		0.28999 U		0.81 U	0.34 U			0.33 U		1.5		12		7.7
TETRYL	0.79 U		0.31 U		0.81 U	0.34 U			0.34999 U		0.94999 U		0.70999 U		0.52999 U
Herbicides (ug/L)															
2,4,5-T			0.07999 U						0.07999 U				0.07999 U		
2,4,5-TP (SILVEX)			0.07999 U						0.07999 U				0.07999 U		
2,4-D			0.07999 U						0.07999 U				0.07999 U		
DINOSEB			0.07999 U						0.07999 U				0.07999 U		
Dioxins/Furans (pg/L)															
1,2,3,4,6,7,8,9-OCDD			5.5 U						6.7 U				9.1 UJ		
1,2,3,4,6,7,8,9-OCDF			4.2 U						5.1 U				10.3 U		
1,2,3,4,6,7,8-HPCDD			3.1 U						3.8 U				8.4 U		
1,2,3,4,6,7,8-HPCDF			1.6 U						1.9 U				4.1 U		
1,2,3,4,7,8,9-HPCDF			2.2 U						2.6 U				5.7 U		
1,2,3,6,7,8-HXCDD			1.8 U						2.1 U				5.4 U		
1,2,3,6,7,8-HXCDF			1.1 U						1.4 J				2.5 U		
1,2,3,7,8,9-HXCDD			1.8 U						2.1 U				5.5 U		
1,2,3,7,8,9-HXCDF			1.4 U						1.7 U				3.4 U		
1,2,3,7,8-PECDD			1.9 U						2.2 U				5.4 U		
1,2,3,7,8-PECDF			1.3 U						1.6 U				3.8 U		
2,3,4,6,7,8-HXCDF			1.2 U						1.4 U				2.9 U		
2,3,4,7,8-PECDF			1.2 U						1.5 U				3.8 U		
2,3,7,8-TCDD			1.4 U						1.8 U				3.2 U		
2,3,7,8-TCDF			1 U						1.2 U				3.8 U		
TOTAL HPCDD			3.1 U						3.8 U				8.4 U		
TOTAL HPCDF			1.9 U						2.2 U				4.8 U		
TOTAL HXCDD			1.8 U						2.1 U				5.5 U		
TOTAL HXCDF			1.2 U						1.4				2.8 U		
TOTAL PECDD			1.9 U						2.2 U				5.4 U		
TOTAL PECDF			1.2 U						1.5 U				3.8 U		
TOTAL TCDD			1.4 U						1.8 U				8.7 U		
TOTAL TCDF			1 U						1.2 U				3.8		
Total Inorganics (ug/L)															
ANTIMONY	1.1 U				1.1 U	1.1 U					1.1 U				1 U
ARSENIC	7.3				9	9.1					1.1 U				1 U

LOCATION	03B02	03B02	03B02	03B02	03B04	03B04	03B04	03B04	03B04	03B04	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2
NSAMPLE	AB021A01	AB021A01-F	AB022A01	AB022A01-F	AB041A01	AB041A01-D	AB041A01-F	AB041A01-F-D	AB042A01	AB042A01-F	AC02P21A01	AC02P21A01-F	AC02P22A01	AC02P22A01-F	AC02P23A01
SAMPLE	AB021A01	AB021A01F	AB022A01	AB022A01F	AB041A01	FD03080101	AB041A01F	FD03080101F	AB042A01	AB042A01F	AC02P21A01	AC02P21A01F	AC02P22A01	AC02P22A01F	AC02P23A01
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/7/2001	3/7/2001	6/21/2001	6/21/2001	3/8/2001	3/8/2001	3/8/2001	3/8/2001	6/21/2001	6/21/2001	3/5/2001	3/5/2001	6/13/2001	6/13/2001	9/10/2001
BARIUM	75.4				87.2	87.2					66.7				113
BERYLLIUM	1.1 U				1.1 U	1.1 U					1.1 U				1 U
CADMIUM	1.1 U				1.1 U	1.1 U					1.1 U				1 U
CHROMIUM	5.6 U				5.6 U	5.6 U					5.6 U				5 U
COBALT	3.3 U				3.3 U	3.3 U					3.3 U				3 U
COPPER	2.2 U				2.2 U	2.2 U					2.2 U				2.2
LEAD	1.1 U				2.7	2.9					1.1 U				1 U
MANGANESE															
MERCURY	0.1 U				0.1 U	0.1 U					0.1 U				0.2 U
NICKEL	11.1 U				11.1 U	11.1 U					11.1 U				10 U
SELENIUM	1.1 U				1.1 U	1.1 U					1.1 U				1.8
SILVER	3.3 U				3.3 U	3.3 U					3.3 U				3 U
THALLIUM	1.1 U				1.1 U	1.1 U					1.1 U				1 U
TIN	11.1 U				11.1 U	11.1 U					11.1 U				10 U
VANADIUM	2.2 U				2.2 U	2.2 U					2.2 U				2 U
ZINC	11.1 U				11.1 U	11.1 U					11.1 U				18.3
Dissolved Inorganics (ug/L)															
ANTIMONY		1 U					1 U	1 U				1 U			
ARSENIC		7.7					5.6	5.6				1 U			
BARIUM		75.8					82.4	83.8				66.1			
BERYLLIUM		1 U					1 U	1 U				1 U			
CADMIUM		1 U					1 U	1 U				1 U			
CALCIUM		34900					18000	17900				26400			
CHROMIUM		5 U					5 U	5 U				5 U			
COBALT		3 U					3 U	3 U				3 U			
COPPER		2 U					2 U	2 U				2 U			
LEAD		1 U					1 U	1 U				1 U			
MAGNESIUM		6220					3630	3520				8130			
MANGANESE															
MERCURY		0.1 U					0.1 U	0.1 U				0.1 U			
NICKEL		10 U					10 U	10 U				10 U			
POTASSIUM		1000 U					1000 U	1000 U				2000			
SELENIUM		1 U					1 U	1 U				1 U			
SILVER		3 U					3 U	3 U				3 U			
SODIUM		7050					4660	4690				20500			
THALLIUM		1 U					1 U	1 U				1 U			
TIN		10 U					10 U	10 U				10 U			
VANADIUM		2 U					2 U	2 U				2 U			
ZINC		10 U					10 U	10 U				10 U			
Miscellaneous Parameters (mg/L)															
CHLORIDE	4		3		1	1			1		43		85		70
CYANIDE	0.00999 U		0.00999 U		0.00999 U	0.00999 U			0.00999 U		0.00999 U		0.00999 U		0.00999 U
PHOSPHORUS (ELEMENTAL)	0.1		0.14		0.1 J	0.07999			0.23		0.05999		0.1 U		0.1 U
SULFATE	26		25		19	18			18		39		68		35
SULFIDE			1 U						1 U				1 U		
TOTAL ORGANIC CARBON	1 U		1 U		1 U	1 U			1 U		1 U		1 U		1.6
TOTAL ORGANIC HALIDES	0.05 U		0.05 U		0.05 U	0.05 U			0.05 U		0.05 U		0.05 U		0.05 U
Dissolved Miscellaneous Parameters (mg/L)															
PHOSPHORUS (ELEMENTAL)		0.1		0.1 U			0.05999 J	0.05999		0.1 U		0.03999		0.1 U	

LOCATION	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C03	03C03	03C03	03C03	03C04	03C04	03C04	03C04	03C04
NSAMPLE	AC02P23A01-F	AC02P24A01	AC02P24A01-F	AC031A01	AC031A01-F	AC032A01	AC032A01-F	AC033A01	AC033A01-F	AC034A01	AC034A01-F	AC041A01	AC041A01-F	AC042A01	AC042A01-F	AC043A01
SAMPLE	AC02P23A01F	AC02P24A01	AC02P24A01F	AC031A01	AC031A01F	AC032A01	AC032A01F	AC033A01	AC033A01F	AC034A01	AC034A01F	AC041A01	AC041A01F	AC042A01	AC042A01F	AC043A01
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/10/2001	11/26/2001	11/26/2001	3/14/2001	3/14/2001	7/2/2001	7/2/2001	8/29/2001	8/29/2001	11/30/2001	12/11/2001	3/12/2001	3/14/2001	6/27/2001	6/27/2001	9/10/2001
Volatile Organics (ug/L)																
1,1,1,2-TETRACHLOROETHANE						0.5 U								0.5 U		
1,1,1-TRICHLOROETHANE						0.5 U								0.5 U		
1,1,2,2-TETRACHLOROETHANE						0.5 U								0.5 U		
1,1,2-TRICHLOROETHANE						0.5 U								0.5 U		
1,1-DICHLOROETHANE						0.5 U								0.5 U		
1,1-DICHLOROETHENE		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U
1,1-DICHLOROPROPENE						0.5 U								0.5 U		
1,2,3-TRICHLOROBENZENE						0.5 U								0.5 U		
1,2,3-TRICHLOROPROPANE						1 U								1 U		
1,2-DIBROMO-3-CHLOROPROPANE						1 U								1 U		
1,2-DIBROMOETHANE						0.5 U								0.5 U		
1,2-DICHLOROETHANE						0.5 U								0.5 U		
1,2-DICHLOROPROPANE						0.5 U								0.5 U		
1,3-DICHLOROPROPANE						0.5 U								0.5 U		
1,4-DIOXANE						100 U								100 U		
2,2-DICHLOROPROPANE						0.5 U								0.5 U		
2-BUTANONE						10 U								10 U		
2-HEXANONE						10 U								10 U		
3-CHLOROPROPENE						10 U								10 U		
4-METHYL-2-PENTANONE						10 U								10 U		
ACETONE						10 U								10 U		
ACETONITRILE						40 U								40 U		
ACROLEIN						10 U								10 U		
ACRYLONITRILE						3 U								3 U		
BENZENE						0.5 U								0.5 U		
BROMOCHLOROMETHANE						0.5 U								0.5 U		
BROMODICHLOROMETHANE						0.5 U								0.5 U		
BROMOFORM						0.5 U								0.5 U		
BROMOMETHANE						1 U								1 U		
CARBON DISULFIDE						0.5 U								0.5 U		
CARBON TETRACHLORIDE						0.3 U								0.3 U		
CHLOROBENZENE						0.5 U								0.5 U		
CHLORODIBROMOMETHANE						0.5 U								0.5 U		
CHLOROETHANE						0.5 U								0.5 U		
CHLOROFORM						0.3 U								0.3 U		
CHLOROMETHANE						0.5 U								0.5 U		
CHLOROPRENE						3 U								3 U		
CIS-1,2-DICHLOROETHENE		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U
CIS-1,3-DICHLOROPROPENE						0.3 U								0.3 U		
DIBROMOMETHANE						0.5 U								0.5 U		
DICHLORODIFLUOROMETHANE						0.5 U								0.5 U		
ETHYL METHACRYLATE						1 U								1 U		
ETHYLBENZENE						0.5 U								0.5 U		
ISOBUTANOL						40 U								40 U		
METHACRYLONITRILE						1 U								1 U		
METHYL IODIDE						0.5 U								0.5 U		
METHYL METHACRYLATE						2 U								2 U		
METHYLENE CHLORIDE						3 U								3 U		
PROPIONITRILE						40 U								40 U		
STYRENE						0.5 U								0.5 U		

LOCATION	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C03	03C03	03C03	03C03	03C04	03C04	03C04	03C04	03C04
NSAMPLE	AC02P23A01-F	AC02P24A01	AC02P24A01-F	AC031A01	AC031A01-F	AC032A01	AC032A01-F	AC033A01	AC033A01-F	AC034A01	AC034A01-F	AC041A01	AC041A01-F	AC042A01	AC042A01-F	AC043A01
SAMPLE	AC02P23A01F	AC02P24A01	AC02P24A01F	AC031A01	AC031A01F	AC032A01	AC032A01F	AC033A01	AC033A01F	AC034A01	AC034A01F	AC041A01	AC041A01F	AC042A01	AC042A01F	AC043A01
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/10/2001	11/26/2001	11/26/2001	3/14/2001	3/14/2001	7/2/2001	7/2/2001	8/29/2001	8/29/2001	11/30/2001	12/11/2001	3/12/2001	3/14/2001	6/27/2001	6/27/2001	9/10/2001
TETRACHLOROETHENE						0.5 U								0.5 U		
TOLUENE						0.5 U								0.5 U		
TOTAL XYLENES						1 U								1 U		
TRANS-1,2-DICHLOROETHENE		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U
TRANS-1,3-DICHLOROPROPENE						0.5 U								0.5 U		
TRANS-1,4-DICHLORO-2-BUTENE						10 U								10 U		
TRICHLOROETHENE		11		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.6
TRICHLOROFLUOROMETHANE						0.5 U								0.5 U		
VINYL ACETATE						0.5 U								0.5 U		
VINYL CHLORIDE		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U
Semivolatile Organics (ug/L)																
1,2,4,5-TETRACHLOROBENZENE						5 U								5 U		
1,2,4-TRICHLOROBENZENE						2 U								2 U		
1,2-DICHLOROBENZENE						2 U								2 U		
1,3-DICHLOROBENZENE						2 U								2 U		
1,4-DICHLOROBENZENE						2 U								2 U		
1,4-NAPHTHOQUINONE						5 U								5 U		
1,4-PHENYLENEDIAMINE						5 U								5 U		
1-NAPHTHYLAMINE						5 U								5 U		
2,2'-OXYBIS(1-CHLOROPROPANE)						3 U								3 U		
2,3,4,6-TETRACHLOROPHENOL						5 U								5 U		
2,4,5-TRICHLOROPHENOL						5 U								5 U		
2,4,6-TRICHLOROPHENOL						3 U								3 U		
2,4-DICHLOROPHENOL						3 U								3 U		
2,4-DIMETHYLPHENOL						5 U								5 U		
2,4-DINITROPHENOL						10 U								10 U		
2,6-DICHLOROPHENOL						5 U								5 U		
2-ACETYLAMINOFLUORENE						5 U								5 U		
2-CHLORONAPHTHALENE						2 U								2 U		
2-CHLOROPHENOL						3 U								3 U		
2-METHYLNAPHTHALENE						0.1 U								0.1 U		
2-METHYLPHENOL						2 U								2 U		
2-NAPHTHYLAMINE						5 U								5 U		
2-NITROANILINE						2 U								2 U		
2-NITROPHENOL						5 U								5 U		
2-PICOLINE						5 U								5 U		
3&4-METHYLPHENOL						4 U								4 U		
3,3'-DICHLOROBENZIDINE						5 U								5 U		
3,3'-DIMETHYLBENZIDINE						5 U								5 U		
3-METHYLCHOLANTHRENE						5 U								5 U		
3-NITROANILINE						2 U								2 U		
4,6-DINITRO-2-METHYLPHENOL						5 U								5 U		
4-AMINOBIPHENYL						5 U								5 U		
4-BROMOPHENYL PHENYL ETHER						2 U								2 U		
4-CHLORO-3-METHYLPHENOL						2 U								2 U		
4-CHLOROANILINE						2 U								2 U		
4-CHLOROPHENYL PHENYL ETHER						1 U								1 U		
4-NITROANILINE						2 U								2 U		
4-NITROPHENOL						5 U								5 U		
4-NITROQUINOLINE-1-OXIDE						5 U								5 U		
5-NITRO-O-TOLUIDINE						5 U								5 U		

LOCATION	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C03	03C03	03C03	03C03	03C04	03C04	03C04	03C04	03C04
NSAMPLE	AC02P23A01-F	AC02P24A01	AC02P24A01-F	AC031A01	AC031A01-F	AC032A01	AC032A01-F	AC033A01	AC033A01-F	AC034A01	AC034A01-F	AC041A01	AC041A01-F	AC042A01	AC042A01-F	AC043A01
SAMPLE	AC02P23A01F	AC02P24A01	AC02P24A01F	AC031A01	AC031A01F	AC032A01	AC032A01F	AC033A01	AC033A01F	AC034A01	AC034A01F	AC041A01	AC041A01F	AC042A01	AC042A01F	AC043A01
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/10/2001	11/26/2001	11/26/2001	3/14/2001	3/14/2001	7/2/2001	7/2/2001	8/29/2001	8/29/2001	11/30/2001	12/11/2001	3/12/2001	3/14/2001	6/27/2001	6/27/2001	9/10/2001
7,12-DIMETHYLBENZ(A)ANTHRACENE						5 U								5 U		
A,A-DIMETHYLPHENETHYLAMINE						10 U								10 U		
ACENAPHTHENE						0.1 U								0.1 U		
ACENAPHTHYLENE						0.1 U								0.1 U		
ACETOPHENONE						5 U								5 U		
ANILINE						5 U								5 U		
ANTHRACENE						0.1 U								0.1 U		
ARAMITE						5 U								5 U		
BENZO(A)ANTHRACENE						0.1 U								0.1 U		
BENZO(A)PYRENE						0.1 U								0.1 U		
BENZO(B)FLUORANTHENE						0.1 U								0.1 U		
BENZO(G,H,I)PERYLENE						0.1 U								0.1 U		
BENZO(K)FLUORANTHENE						0.1 U								0.1 U		
BENZYL ALCOHOL						5 U								5 U		
BIS(2-CHLOROETHOXY)METHANE						5 U								5 U		
BIS(2-CHLOROETHYL)ETHER						1 U								1 U		
BIS(2-ETHYLHEXYL)PHTHALATE						2 U								2 U		
BUTYL BENZYL PHTHALATE						2 U								2 U		
CHLOROBENZILATE						5 U								5 U		
CHRYSENE						0.1 U								0.1 U		
DI-N-BUTYL PHTHALATE						2 U								2 U		
DI-N-OCTYL PHTHALATE						2 U								2 U		
DIALLATE						5 U								5 U		
DIBENZO(A,H)ANTHRACENE						0.1 U								0.1 U		
DIBENZOFURAN						1 U								1 U		
DIETHYL PHTHALATE						2 U								2 U		
DIMETHOATE						5 U								5 U		
DIMETHYL PHTHALATE						2 U								2 U		
DIPHENYLAMINE						5 U								5 U		
DISULFOTON						5 U								5 U		
ETHYL METHANE SULFONATE						5 U								5 U		
ETHYL PARATHION						5 U								5 U		
FAMPHUR						10 U								10 U		
FLUORANTHENE						0.1 U								0.1 U		
FLUORENE						0.1 U								0.1 U		
HEXACHLOROBENZENE						2 U								2 U		
HEXACHLOROBUTADIENE						1 U								1 U		
HEXACHLOROCYCLOPENTADIENE						2 U								2 U		
HEXACHLOROETHANE						2 U								2 U		
HEXACHLOROPROPENE						5 U								5 U		
INDENO(1,2,3-CD)PYRENE						0.1 U								0.1 U		
ISODRIN						5 U								5 U		
ISOPHORONE						1 U								1 U		
ISOSAFROLE						5 U								5 U		
KEPONE						5 U								5 U		
METHAPYRILENE						5 U								5 U		
METHYL METHANE SULFONATE						5 U								5 U		
METHYL PARATHION						5 U								5 U		
N-NITROSO-DI-N-BUTYLAMINE						5 U								5 U		
N-NITROSO-DI-N-PROPYLAMINE						2 U								2 U		
N-NITROSODIETHYLAMINE						5 U								5 U		

LOCATION	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C03	03C03	03C03	03C03	03C04	03C04	03C04	03C04	03C04
NSAMPLE	AC02P23A01-F	AC02P24A01	AC02P24A01-F	AC031A01	AC031A01-F	AC032A01	AC032A01-F	AC033A01	AC033A01-F	AC034A01	AC034A01-F	AC041A01	AC041A01-F	AC042A01	AC042A01-F	AC043A01
SAMPLE	AC02P23A01F	AC02P24A01	AC02P24A01F	AC031A01	AC031A01F	AC032A01	AC032A01F	AC033A01	AC033A01F	AC034A01	AC034A01F	AC041A01	AC041A01F	AC042A01	AC042A01F	AC043A01
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/10/2001	11/26/2001	11/26/2001	3/14/2001	3/14/2001	7/2/2001	7/2/2001	8/29/2001	8/29/2001	11/30/2001	12/11/2001	3/12/2001	3/14/2001	6/27/2001	6/27/2001	9/10/2001
N-NITROSODIMETHYLAMINE						5 U								5 U		
N-NITROSOMETHYLETHYLAMINE						5 U								5 U		
N-NITROSOMORPHOLINE						5 U								5 U		
N-NITROSOPIPERIDINE						5 U								5 U		
N-NITROSOPYRROLIDINE						5 U								5 U		
NAPHTHALENE						0.1 U								0.1 U		
O,O,O-TRIETHYL PHOSPHOROTHIOAT						5 U								5 U		
O-TOLUIDINE						5 U								5 U		
P-(DIMETHYLAMINO)AZOBENZENE						5 U								5 U		
PENTACHLOROBENZENE						5 U								5 U		
PENTACHLOROETHANE						5 U								5 U		
PENTACHLORONITROBENZENE						5 U								5 U		
PENTACHLOROPHENOL						5 U								5 U		
PHENACETIN						5 U								5 U		
PHENANTHRENE						0.1 U								0.1 U		
PHENOL						5 U								5 U		
PHORATE						5 U								5 U		
PRONAMIDE						5 U								5 U		
PYRENE						0.1 U								0.1 U		
PYRIDINE						5 U								5 U		
SAFROLE						5 U								5 U		
SULFOTEPP						5 U								5 U		
THIONAZIN						5 U								5 U		
Pesticides/PCBs (ug/L)																
4,4'-DDD						0.01999 U								0.01999 U		
4,4'-DDE						0.01999 U								0.01999 U		
4,4'-DDT						0.01999 U								0.01999 U		
ALDRIN						0.0098 U								0.00999 U		
ALPHA-BHC						0.0098 U								0.00999 U		
ALPHA-CHLORDANE						0.0098 U								0.00999 U		
AROCLOR-1016						0.2 U								0.2 U		
AROCLOR-1221						0.38999 U								0.4 U		
AROCLOR-1232						0.2 U								0.2 U		
AROCLOR-1242						0.2 U								0.2 U		
AROCLOR-1248						0.2 U								0.2 U		
AROCLOR-1254						0.2 U								0.2 U		
AROCLOR-1260						0.2 U								0.2 U		
BETA-BHC						0.0098 U								0.00999 U		
DELTA-BHC						0.0098 U								0.00999 U		
DIELDRIN						0.01999 U								0.01999 U		
ENDOSULFAN I						0.0098 U								0.00999 U		
ENDOSULFAN II						0.01999 U								0.01999 U		
ENDOSULFAN SULFATE						0.01999 U								0.01999 U		
ENDRIN						0.01999 U								0.01999 U		
ENDRIN ALDEHYDE						0.01999 U								0.01999 U		
ENDRIN KETONE						0.01999 U								0.01999 U		
GAMMA-BHC (LINDANE)						0.0098 U								0.00999 U		
GAMMA-CHLORDANE						0.0098 U								0.00999 U		
HEPTACHLOR						0.0098 U								0.00999 U		
HEPTACHLOR EPOXIDE						0.0098 U								0.00999 U		
METHOXYCHLOR						0.09799 U								0.1 U		

LOCATION	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C03	03C03	03C03	03C03	03C04	03C04	03C04	03C04	03C04
NSAMPLE	AC02P23A01-F	AC02P24A01	AC02P24A01-F	AC031A01	AC031A01-F	AC032A01	AC032A01-F	AC033A01	AC033A01-F	AC034A01	AC034A01-F	AC041A01	AC041A01-F	AC042A01	AC042A01-F	AC043A01
SAMPLE	AC02P23A01F	AC02P24A01	AC02P24A01F	AC031A01	AC031A01F	AC032A01	AC032A01F	AC033A01	AC033A01F	AC034A01	AC034A01F	AC041A01	AC041A01F	AC042A01	AC042A01F	AC043A01
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/10/2001	11/26/2001	11/26/2001	3/14/2001	3/14/2001	7/2/2001	7/2/2001	8/29/2001	8/29/2001	11/30/2001	12/11/2001	3/12/2001	3/14/2001	6/27/2001	6/27/2001	9/10/2001
TOXAPHENE						0.98 U								1 U		
Explosives (ug/L)																
1,3,5-TRINITROBENZENE		0.81999 U		0.36 U		0.36 U		0.89999 U		1.1 U		1 U		0.70999 U		1.2 U
1,3-DINITROBENZENE		0.81999 U		0.36 U		0.36 U		0.89999 U		1.1 U		1 U		0.70999 U		1.2 U
2,4,6-TRINITROTOLUENE		0.81999 U		0.36 U		0.36 U		0.89999 U		1.1 U		1 U		0.70999 U		1.2 U
2,4-DINITROTOLUENE		0.81999 U		0.36 U		0.36 U		0.89999 U		1.1 U		1 U		0.70999 U		1.2 U
2,6-DINITROTOLUENE		0.81999 U		0.36 U		0.36 U		0.89999 U		1.1 U		1 U		0.70999 U		1.2 U
2-AMINO-4,6-DINITROTOLUENE		0.81999 U		0.36 U		0.36 U		0.89999 U		1.1 U		1 U		0.70999 U		1.2 U
2-NITROTOLUENE		0.81999 U		0.36 U		0.36 U		0.89999 U		1.1 U		1 U		0.70999 U		1.2 U
3-NITROTOLUENE		0.81999 U		0.36 U		0.36 U		0.89999 U		1.1 U		1 U		0.70999 U		1.2 U
4-AMINO-2,6-DINITROTOLUENE		0.81999 U		0.36 U		0.36 U		0.89999 U		1.1 U		1 U		0.70999 U		1.2 U
4-NITROTOLUENE		0.81999 U		0.36 U		0.36 U		0.89999 U		1.1 U		1 U		0.70999 U		1.2 U
HMX		12		0.36 U		0.36 U		0.89999 U		1.1 U		1 U		0.70999 U		1.2 U
NITROBENZENE		0.81999 U		0.36 U		0.36 U		0.89999 U		1.1 U		1 U		0.70999 U		1.2 U
NITROCELLULOSE		1000 U		1000 U		1000 U		1000 U		1000 U		1000 UJ		1000 U		1000 U
NITROGLYCERIN		8.2 U		3.6 U		3.6 U		9 U		11 U		10 U		7.2 U		12 U
PETN		4 U		1.8 U		1.8 U		4.4 U		5.6 U		4.9 U		3.5 U		6.1 U
RDX		4.5		0.36 U		0.34 U		0.83999 U		1.1 U		1 U		0.67 U		1.2 U
TETRYL		0.81999 U		0.36 U		0.36 U		0.89999 U		1.1 U		1 U		0.70999 U		1.2 U
Herbicides (ug/L)																
2,4,5-T						0.07999 U								0.07999 U		
2,4,5-TP (SILVEX)						0.07999 U								0.07999 U		
2,4-D						0.07999 U								0.07999 U		
DINOSEB						0.07999 U								0.07999 U		
Dioxins/Furans (pg/L)																
1,2,3,4,6,7,8,9-OCDD						11.6 U								11 U		
1,2,3,4,6,7,8,9-OCDF						9.6 U								9.1 U		
1,2,3,4,6,7,8-HPCDD						6.1 U								6.3 U		
1,2,3,4,6,7,8-HPCDF						3.9 U								3.2 U		
1,2,3,4,7,8,9-HPCDF						4.6 U								3.8 U		
1,2,3,6,7,8-HXCDD						3.4 U								3.4 U		
1,2,3,6,7,8-HXCDF						2.4 U								2.2 U		
1,2,3,7,8,9-HXCDD						3.4 U								3.5 U		
1,2,3,7,8,9-HXCDF						3.1 U								2.8 U		
1,2,3,7,8-PECDD						3.4 U								3.4 U		
1,2,3,7,8-PECDF						2.4 U								2.5 U		
2,3,4,6,7,8-HXCDF						2.4 U								2.2 U		
2,3,4,7,8-PECDF						2.3 U								2.4 U		
2,3,7,8-TCDD						2.2 U								2.8 U		
2,3,7,8-TCDF						1.5 U								2.1 U		
TOTAL HPCDD						6.1 U								6.3 U		
TOTAL HPCDF						4.2 U								3.5 U		
TOTAL HXCDD						3.4 U								3.5 U		
TOTAL HXCDF						2.6 U								2.3 U		
TOTAL PECDD						3.4 U								3.4 U		
TOTAL PECDF						2.3 U								2.5 U		
TOTAL TCDD						2.2 U								2.8 U		
TOTAL TCDF						1.5 U								2.1 U		
Total Inorganics (ug/L)																
ANTIMONY		0.15 B		1.1 U		1 U		1 U		0.10999 U		1.1 U		1 U		
ARSENIC		0.4 B		1.1 U		1 U		1 U		0.37999 B		1.1 U		1 U		

LOCATION	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C03	03C03	03C03	03C03	03C04	03C04	03C04	03C04	03C04
NSAMPLE	AC02P23A01-F	AC02P24A01	AC02P24A01-F	AC031A01	AC031A01-F	AC032A01	AC032A01-F	AC033A01	AC033A01-F	AC034A01	AC034A01-F	AC041A01	AC041A01-F	AC042A01	AC042A01-F	AC043A01
SAMPLE	AC02P23A01F	AC02P24A01	AC02P24A01F	AC031A01	AC031A01F	AC032A01	AC032A01F	AC033A01	AC033A01F	AC034A01	AC034A01F	AC041A01	AC041A01F	AC042A01	AC042A01F	AC043A01
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/10/2001	11/26/2001	11/26/2001	3/14/2001	3/14/2001	7/2/2001	7/2/2001	8/29/2001	8/29/2001	11/30/2001	12/11/2001	3/12/2001	3/14/2001	6/27/2001	6/27/2001	9/10/2001
BARIUM		85.6		37.8		36.4		37.7		35.8		24.6		23.7		
BERYLLIUM		0.10999 U		1.1 U		1 U		1 U		0.10999 U		1.1 U		1 U		
CADMIUM		0.77999 U		1.1 U		1 U		1 U		0.77999 U		1.1 U		1 U		
CHROMIUM		1.8 B		5.6 U		5 U		5 U		1.3 B		5.6 U		5 U		
COBALT		0.11999 B		3.3 U		3 U		3 U		0.10999 U		3.3 U		3 U		
COPPER		1.2 B		2.6		2.4		3.7		1.9 B		2.2		2 U		
LEAD		0.58999 B		1.1 U		1 U		1 U		0.10999 U		1.1 U		1 U		
MANGANESE																
MERCURY		0.01999 U		0.1 U		0.2 U		0.2 U		0.01999 U		0.1 U		0.2 U		
NICKEL		2.2 B		11.1 U		10 U		10 U		0.15999 B		11.1 U		10 U		
SELENIUM		0.93999 B		1.1 U		1 U		1 U		0.43999 U		2.4		2.9		
SILVER		0.12999 B		3.3 U		3 U		3 U		0.27 B		3.3 U		3 U		
THALLIUM		0.10999 U		1.1 U		1 U		1 U		0.10999 U		1.1 U		1 U		
TIN		0.43999 B		11.1 U		10 U		10 U		0.28 B		11.1 U		10 U		
VANADIUM		0.67 B		2.2 U		2 U		2 U		0.11999 B		2.2 U		2 U		
ZINC		3.5 B		21.5		10 U		10 U		1.5 B		13.2		10 U		
Dissolved Inorganics (ug/L)																
ANTIMONY	1 U		0.17 B		1 U		1 U		1 U		0.15 B		1 U		1 U	
ARSENIC	1 U		0.34 B		1 U		1 U		1 U		0.37 B		1 U		1 U	
BARIUM	113		90.1		37.6		41.1		39.9		38.5		21.4		17	
BERYLLIUM	1 U		0.1 U		1 U		1 U		1 U		0.1 U		1 U		1 U	
CADMIUM	1 U		0.69999 U		1 U		1 U		1 U		0.69999 U		1 U		1 U	
CALCIUM	79500		63500		1060		1160		1120		1200		111000		130000	
CHROMIUM	9.3		3.8		5 U		5 U		9.2		3.8		5 U		5 U	
COBALT	3 U		0.1 U		3 U		3 U		3 U		0.1 U		3 U		3 U	
COPPER	2 U		0.85 B		2.3		2.5		3		1.9 B		2 U		2 U	
LEAD	1 U		0.10999		1 U		1 U		1 U		0.1 U		1 U		1 U	
MAGNESIUM	13400		12200		1000 U		1000 U		1000 U		489		171000		181000	
MANGANESE																
MERCURY	0.2 U		0.026 B		0.1 U		0.2 U		0.2 U		0.01999 U		0.1 U		0.2 U	
NICKEL	10 U		1.9 B		10 U		10 U		10 U		0.1 U		10 U		10 U	
POTASSIUM	5240		3900		1140		1870		2220		1300		2710		4060	
SELENIUM	1 U		0.89999		1 U		1 U		1 U		0.4 U		1.9		2.6	
SILVER	3 U		0.1 U		3 U		3 U		3 U		0.1 U		3 U		3 U	
SODIUM	42700		27700		206000		172000		185000		118000		42900		42200	
THALLIUM	1 U		0.1 U		1 U		1 U		1 U		0.1 U		1 U		1 U	
TIN	10 U		0.1 U		10 U		10 U		10 U		0.94999 B		10 U		10 U	
VANADIUM	2 U		0.25999 B		2 U		2 U		2 U		0.1 U		2 U		2 U	
ZINC	10 U		217		10 U		10 U		10 U		0.64999 B		10 U		10 U	
Miscellaneous Parameters (mg/L)																
CHLORIDE		39		1		2		1		1 U		8		7		
CYANIDE		0.00999 U		0.00999 U		0.01 U		0.00999 U		0.00999 U		0.00999 U		0.01 U		
PHOSPHORUS (ELEMENTAL)		0.1 U		0.03999		0.14		0.1 U		0.1 U		0.01999		0.1 U		
SULFATE		43		84		85		85		85		900		820		
SULFIDE						1 U								1 U		
TOTAL ORGANIC CARBON		1.5		1 U		1 U		1 U		1 U		1 U		2.8		
TOTAL ORGANIC HALIDES		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U
Dissolved Miscellaneous Parameters (mg/L)																
PHOSPHORUS (ELEMENTAL)	0.2		0.1 U		0.03999		0.1 U		0.1 U		0.1 U		0.10999		0.1 U	

LOCATION	03C04	03C04	03C04	03C04	03C07	03C07	03C07	03C07	03C07	03C07	03C07	03C07	03C08P2	03C08P2	03C08P2
NSAMPLE	AC043B01	AC043B01-F	AC044A01	AC044A01-F	AC071A01	AC071A01-F	AC072A01	AC072A01-F	AC073A01	AC073A01-F	AC074A01	AC074A01-F	AC08P21A01	AC08P21A01-F	AC08P22A01
SAMPLE	AC043B01	AC043B01F	AC044A01	ACO44A01F	AC071A01	AC071A01F	AC072A01	AC072A01F	AC073A01	AC073A01F	AC074A01	AC074A01F	AC08P21A01	AC08P21A01F	AC08P22A01
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/19/2001	9/19/2001	12/3/2001	12/6/2001	3/21/2001	3/21/2001	6/26/2001	6/26/2001	9/18/2001	9/18/2001	12/11/2001	12/11/2001	3/28/2001	3/28/2001	6/28/2001
Volatile Organics (ug/L)															
1,1,1,2-TETRACHLOROETHANE							0.5 U								0.5 U
1,1,1-TRICHLOROETHANE							0.5 U								0.5 U
1,1,2,2-TETRACHLOROETHANE							0.5 U								0.5 U
1,1,2-TRICHLOROETHANE							0.5 U								0.5 U
1,1-DICHLOROETHANE							0.5 U								0.5 U
1,1-DICHLOROETHENE			0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U
1,1-DICHLOROPROPENE							0.5 U								0.5 U
1,2,3-TRICHLOROBENZENE							0.5 U								0.5 U
1,2,3-TRICHLOROPROPANE							1 U								1 U
1,2-DIBROMO-3-CHLOROPROPANE							1 U								1 U
1,2-DIBROMOETHANE							0.5 U								0.5 U
1,2-DICHLOROETHANE							0.5 U								0.5 U
1,2-DICHLOROPROPANE							0.5 U								0.5 U
1,3-DICHLOROPROPANE							0.5 U								0.5 U
1,4-DIOXANE							100 U								100 U
2,2-DICHLOROPROPANE							0.5 U								0.5 U
2-BUTANONE							10 U								10 U
2-HEXANONE							10 U								10 U
3-CHLOROPROPENE							10 U								10 U
4-METHYL-2-PENTANONE							10 U								10 U
ACETONE							10 U								10 U
ACETONITRILE							40 U								40 U
ACROLEIN							10 U								10 U
ACRYLONITRILE							3 U								3 U
BENZENE							0.5 U								0.5 U
BROMOCHLOROMETHANE							0.5 U								0.5 U
BROMODICHLOROMETHANE							0.5 U								0.5 U
BROMOFORM							0.5 U								0.5 U
BROMOMETHANE							1 U								1 U
CARBON DISULFIDE							0.5 U								0.5 U
CARBON TETRACHLORIDE							0.3 U								0.3 U
CHLOROBENZENE							0.5 U								0.5 U
CHLORODIBROMOMETHANE							0.5 U								0.5 U
CHLOROETHANE							0.5 U								0.5 U
CHLOROFORM							0.3 U								0.3 U
CHLOROMETHANE							0.5 U								0.5 U
CHLOROPRENE							3 U								3 U
CIS-1,2-DICHLOROETHENE			0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		17		15
CIS-1,3-DICHLOROPROPENE							0.3 U								0.3 U
DIBROMOMETHANE							0.5 U								0.5 U
DICHLORODIFLUOROMETHANE							0.5 U								0.5 U
ETHYL METHACRYLATE							1 U								1 U
ETHYLBENZENE							0.5 U								0.5 U
ISOBUTANOL							40 U								40 U
METHACRYLONITRILE							1 U								1 U
METHYL IODIDE							0.5 U								0.5 U
METHYL METHACRYLATE							2 U								2 U
METHYLENE CHLORIDE							3 U								3 U
PROPIONITRILE							40 U								40 U
STYRENE							0.5 U								0.5 U

LOCATION	03C04	03C04	03C04	03C04	03C07	03C07	03C07	03C07	03C07	03C07	03C07	03C07	03C08P2	03C08P2	03C08P2
NSAMPLE	AC043B01	AC043B01-F	AC044A01	AC044A01-F	AC071A01	AC071A01-F	AC072A01	AC072A01-F	AC073A01	AC073A01-F	AC074A01	AC074A01-F	AC08P21A01	AC08P21A01-F	AC08P22A01
SAMPLE	AC043B01	AC043B01F	ACO44A01	ACO44A01F	AC071A01	AC071A01F	AC072A01	AC072A01F	AC073A01	AC073A01F	AC074A01	AC074A01F	AC08P21A01	AC08P21A01F	AC08P22A01
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/19/2001	9/19/2001	12/3/2001	12/6/2001	3/21/2001	3/21/2001	6/26/2001	6/26/2001	9/18/2001	9/18/2001	12/11/2001	12/11/2001	3/28/2001	3/28/2001	6/28/2001
TETRACHLOROETHENE							0.5 U								0.5 U
TOLUENE							0.5 U								0.5 U
TOTAL XYLENES							1 U								1 U
TRANS-1,2-DICHLOROETHENE			0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U
TRANS-1,3-DICHLOROPROPENE							0.5 U								0.5 U
TRANS-1,4-DICHLORO-2-BUTENE							10 U								10 U
TRICHLOROETHENE			0.6		20		5		5.5		4.2		66		57
TRICHLOROFLUOROMETHANE							0.5 U								0.5 U
VINYL ACETATE							0.5 U								0.5 U
VINYL CHLORIDE			0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U
Semivolatile Organics (ug/L)															
1,2,4,5-TETRACHLOROBENZENE							5 U								5 U
1,2,4-TRICHLOROBENZENE							2 U								2 U
1,2-DICHLOROBENZENE							2 U								2 U
1,3-DICHLOROBENZENE							2 U								2 U
1,4-DICHLOROBENZENE							2 U								2 U
1,4-NAPHTHOQUINONE							5 U								5 U
1,4-PHENYLENEDIAMINE							5 U								5 U
1-NAPHTHYLAMINE							5 U								5 U
2,2'-OXYBIS(1-CHLOROPROPANE)							3 U								3 U
2,3,4,6-TETRACHLOROPHENOL							5 U								5 U
2,4,5-TRICHLOROPHENOL							5 U								5 U
2,4,6-TRICHLOROPHENOL							3 U								3 U
2,4-DICHLOROPHENOL							3 U								3 U
2,4-DIMETHYLPHENOL							5 U								5 U
2,4-DINITROPHENOL							10 U								10 U
2,6-DICHLOROPHENOL							5 U								5 U
2-ACETYLAMINOFLUORENE							5 U								5 U
2-CHLORONAPHTHALENE							2 U								2 U
2-CHLOROPHENOL							3 U								3 U
2-METHYLNAPHTHALENE							0.1 U								0.1 U
2-METHYLPHENOL							2 U								2 U
2-NAPHTHYLAMINE							5 U								5 U
2-NITROANILINE							2 U								2 U
2-NITROPHENOL							5 U								5 U
2-PICOLINE							5 U								5 U
3&4-METHYLPHENOL							4 U								4 U
3,3'-DICHLOROBENZIDINE							5 U								5 U
3,3'-DIMETHYLBENZIDINE							5 U								5 U
3-METHYLCHOLANTHRENE							5 U								5 U
3-NITROANILINE							2 U								2 U
4,6-DINITRO-2-METHYLPHENOL							5 U								5 U
4-AMINOBIPHENYL							5 U								5 U
4-BROMOPHENYL PHENYL ETHER							2 U								2 U
4-CHLORO-3-METHYLPHENOL							2 U								2 U
4-CHLOROANILINE							2 U								2 U
4-CHLOROPHENYL PHENYL ETHER							1 U								1 U
4-NITROANILINE							2 U								2 U
4-NITROPHENOL							5 U								5 U
4-NITROQUINOLINE-1-OXIDE							5 U								5 U
5-NITRO-O-TOLUIDINE							5 U								5 U

LOCATION	03C04	03C04	03C04	03C04	03C07	03C07	03C07	03C07	03C07	03C07	03C07	03C07	03C08P2	03C08P2	03C08P2
NSAMPLE	AC043B01	AC043B01-F	AC044A01	AC044A01-F	AC071A01	AC071A01-F	AC072A01	AC072A01-F	AC073A01	AC073A01-F	AC074A01	AC074A01-F	AC08P21A01	AC08P21A01-F	AC08P22A01
SAMPLE	AC043B01	AC043B01F	ACO44A01	ACO44A01F	AC071A01	AC071A01F	AC072A01	AC072A01F	AC073A01	AC073A01F	AC074A01	AC074A01F	AC08P21A01	AC08P21A01F	AC08P22A01
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/19/2001	9/19/2001	12/3/2001	12/6/2001	3/21/2001	3/21/2001	6/26/2001	6/26/2001	9/18/2001	9/18/2001	12/11/2001	12/11/2001	3/28/2001	3/28/2001	6/28/2001
7,12-DIMETHYLBENZ(A)ANTHRACENE							5 U								5 U
A,A-DIMETHYLPHENETHYLAMINE							10 U								10 U
ACENAPHTHENE							0.1 U								0.1 U
ACENAPHTHYLENE							0.1 U								0.1 U
ACETOPHENONE							5 U								5 U
ANILINE							5 U								5 U
ANTHRACENE							0.1 U								0.1 U
ARAMITE							5 U								5 U
BENZO(A)ANTHRACENE							0.1 U								0.1 U
BENZO(A)PYRENE							0.1 U								0.1 U
BENZO(B)FLUORANTHENE							0.1 U								0.1 U
BENZO(G,H,I)PERYLENE							0.1 U								0.1 U
BENZO(K)FLUORANTHENE							0.1 U								0.1 U
BENZYL ALCOHOL							5 U								5 U
BIS(2-CHLOROETHOXY)METHANE							5 U								5 U
BIS(2-CHLOROETHYL)ETHER							1 U								1 U
BIS(2-ETHYLHEXYL)PHTHALATE							2 U								5
BUTYL BENZYL PHTHALATE							2 U								2 U
CHLOROBENZILATE							5 U								5 U
CHRYSENE							0.1 U								0.1 U
DI-N-BUTYL PHTHALATE							2 U								2 U
DI-N-OCTYL PHTHALATE							2 U								2 U
DIALLATE							5 U								5 U
DIBENZO(A,H)ANTHRACENE							0.1 U								0.1 U
DIBENZOFURAN							1 U								1 U
DIETHYL PHTHALATE							2 U								2 U
DIMETHOATE							5 U								5 U
DIMETHYL PHTHALATE							2 U								2 U
DIPHENYLAMINE							5 U								5 U
DISULFOTON							5 U								5 U
ETHYL METHANE SULFONATE							5 U								5 U
ETHYL PARATHION							5 U								5 U
FAMPHUR							10 U								10 U
FLUORANTHENE							0.1 U								0.1 U
FLUORENE							0.1 U								0.1 U
HEXACHLOROBENZENE							2 U								2 U
HEXACHLOROBUTADIENE							1 U								1 U
HEXACHLOROCYCLOPENTADIENE							2 U								2 U
HEXACHLOROETHANE							2 U								2 U
HEXACHLOROPROPENE							5 U								5 U
INDENO(1,2,3-CD)PYRENE							0.1 U								0.1 U
ISODRIN							5 U								5 U
ISOPHORONE							1 U								1 U
ISOSAFROLE							5 U								5 U
KEPONE							5 U								5 U
METHAPYRILENE							5 U								5 U
METHYL METHANE SULFONATE							5 U								5 U
METHYL PARATHION							5 U								5 U
N-NITROSO-DI-N-BUTYLAMINE							5 U								5 U
N-NITROSO-DI-N-PROPYLAMINE							2 U								2 U
N-NITROSODIETHYLAMINE							5 U								5 U

LOCATION	03C04	03C04	03C04	03C04	03C07	03C07	03C07	03C07	03C07	03C07	03C07	03C07	03C08P2	03C08P2	03C08P2
NSAMPLE	AC043B01	AC043B01-F	AC044A01	AC044A01-F	AC071A01	AC071A01-F	AC072A01	AC072A01-F	AC073A01	AC073A01-F	AC074A01	AC074A01-F	AC08P21A01	AC08P21A01-F	AC08P22A01
SAMPLE	AC043B01	AC043B01F	ACO44A01	ACO44A01F	AC071A01	AC071A01F	AC072A01	AC072A01F	AC073A01	AC073A01F	AC074A01	AC074A01F	AC08P21A01	AC08P21A01F	AC08P22A01
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/19/2001	9/19/2001	12/3/2001	12/6/2001	3/21/2001	3/21/2001	6/26/2001	6/26/2001	9/18/2001	9/18/2001	12/11/2001	12/11/2001	3/28/2001	3/28/2001	6/28/2001
N-NITROSODIMETHYLAMINE							5 U								5 U
N-NITROSOMETHYLETHYLAMINE							5 U								5 U
N-NITROSOMORPHOLINE							5 U								5 U
N-NITROSOPIPERIDINE							5 U								5 U
N-NITROSOPYRROLIDINE							5 U								5 U
NAPHTHALENE							0.1 U								0.1 U
O,O,O-TRIETHYL PHOSPHOROTHIOAT							5 U								5 U
O-TOLUIDINE							5 U								5 U
P-(DIMETHYLAMINO)AZOBENZENE							5 U								5 U
PENTACHLOROBENZENE							5 U								5 U
PENTACHLOROETHANE							5 U								5 U
PENTACHLORONITROBENZENE							5 U								5 U
PENTACHLOROPHENOL							5 U								5 U
PHENACETIN							5 U								5 U
PHENANTHRENE							0.1 U								0.1 U
PHENOL							5 U								5 U
PHORATE							5 U								5 U
PRONAMIDE							5 U								5 U
PYRENE							0.1 U								0.1 U
PYRIDINE							5 U								5 U
SAFROLE							5 U								5 U
SULFOTEPP							5 U								5 U
THIONAZIN							5 U								5 U
Pesticides/PCBs (ug/L)															
4,4'-DDD							0.01999 U								0.01899 U
4,4'-DDE							0.01999 U								0.01899 U
4,4'-DDT							0.01999 U								0.01899 U
ALDRIN							0.0098 U								0.0097 U
ALPHA-BHC							0.0098 U								0.0097 U
ALPHA-CHLORDANE							0.0098 U								0.0097 U
AROCLOR-1016							0.2 U								0.18999 U
AROCLOR-1221							0.38999 U								0.38999 U
AROCLOR-1232							0.2 U								0.18999 U
AROCLOR-1242							0.2 U								0.18999 U
AROCLOR-1248							0.2 U								0.18999 U
AROCLOR-1254							0.2 U								0.18999 U
AROCLOR-1260							0.2 U								0.18999 U
BETA-BHC							0.0098 U								0.0097 U
DELTA-BHC							0.0098 U								0.0097 U
DIELDRIN							0.01999 U								0.01899 U
ENDOSULFAN I							0.0098 U								0.0097 U
ENDOSULFAN II							0.01999 U								0.01899 U
ENDOSULFAN SULFATE							0.01999 U								0.01899 U
ENDRIN							0.01999 U								0.01899 U
ENDRIN ALDEHYDE							0.01999 U								0.01899 U
ENDRIN KETONE							0.01999 U								0.01899 U
GAMMA-BHC (LINDANE)							0.0098 U								0.0097 U
GAMMA-CHLORDANE							0.0098 U								0.0097 U
HEPTACHLOR							0.0098 U								0.0097 U
HEPTACHLOR EPOXIDE							0.0098 U								0.0097 U
METHOXYCHLOR							0.09799 U								0.097 U

LOCATION	03C04	03C04	03C04	03C04	03C07	03C07	03C07	03C07	03C07	03C07	03C07	03C07	03C08P2	03C08P2	03C08P2
NSAMPLE	AC043B01	AC043B01-F	AC044A01	AC044A01-F	AC071A01	AC071A01-F	AC072A01	AC072A01-F	AC073A01	AC073A01-F	AC074A01	AC074A01-F	AC08P21A01	AC08P21A01-F	AC08P22A01
SAMPLE	AC043B01	AC043B01F	ACO44A01	ACO44A01F	AC071A01	AC071A01F	AC072A01	AC072A01F	AC073A01	AC073A01F	AC074A01	AC074A01F	AC08P21A01	AC08P21A01F	AC08P22A01
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/19/2001	9/19/2001	12/3/2001	12/6/2001	3/21/2001	3/21/2001	6/26/2001	6/26/2001	9/18/2001	9/18/2001	12/11/2001	12/11/2001	3/28/2001	3/28/2001	6/28/2001
TOXAPHENE							0.98 U								0.97 U
Explosives (ug/L)															
1,3,5-TRINITROBENZENE			1.6 U		0.89999 U		0.83999 U		0.76999 U		1.7 U		0.86 U		1.2 U
1,3-DINITROBENZENE			1.6 U		0.89999 U		0.83999 U		0.76999 U		1.7 U		0.86 U		1.2 U
2,4,6-TRINITROTOLUENE			1.6 U		0.89999 U		0.83999 U		0.76999 U		1.7 U		0.86 U		1.2 U
2,4-DINITROTOLUENE			1.6 U		0.89999 U		0.83999 U		0.76999 U		1.7 U		0.86 U		1.2 U
2,6-DINITROTOLUENE			1.6 U		0.89999 U		0.83999 U		0.76999 U		1.7 U		0.86 U		1.2 U
2-AMINO-4,6-DINITROTOLUENE			1.6 U		0.89999 U		0.83999 U		0.76999 U		1.7 U		2.3		2.8
2-NITROTOLUENE			1.6 U		0.89999 U		0.83999 U		0.76999 U		1.7 U		0.86 U		1.2 U
3-NITROTOLUENE			1.6 U		0.89999 U		0.83999 U		0.76999 U		1.7 U		0.86 U		1.2 U
4-AMINO-2,6-DINITROTOLUENE			1.6 U		0.89999 U		0.83999 U		0.76999 U		1.7 U		3.2		3.5
4-NITROTOLUENE			1.6 U		0.89999 U		0.83999 U		0.76999 U		1.7 U		0.86 U		1.2 U
HMX			1.6 U		7.3		11		11		7.6		28		34
NITROBENZENE			1.6 U		0.89999 U		0.83999 U		0.76999 U		1.7 U		0.86 U		1.2 U
NITROCELLULOSE			1000 U		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U
NITROGLYCERIN			16 U		9 U		8.4 U		7.7 U		17 U		8.6 U		12 U
PETN			7.7 U		4.4 U		4.2 U		3.8 U		8.3 U		4.2 U		5.7 U
RDX			1.5 U		29		39		42		36		79		88
TETRYL			1.6 U		0.89999 U		0.83999 U		0.76999 U		1.7 U		0.86 U		1.2 U
Herbicides (ug/L)															
2,4,5-T							0.07999 U								0.07999 U
2,4,5-TP (SILVEX)							0.07999 U								0.07999 U
2,4-D							0.07999 U								0.07999 U
DINOSEB							0.07999 U								0.07999 U
Dioxins/Furans (pg/L)															
1,2,3,4,6,7,8,9-OCDD							5.3 U								3.4 J
1,2,3,4,6,7,8,9-OCDF							4.1 U								2.7 U
1,2,3,4,6,7,8-HPCDD							3.1 U								1.9 U
1,2,3,4,6,7,8-HPCDF							1.6 U								1.3 U
1,2,3,4,7,8,9-HPCDF							2.2 U								1.7 U
1,2,3,6,7,8-HXCDD							1.8 U								1.1 U
1,2,3,6,7,8-HXCDF							1.1 U								1 U
1,2,3,7,8,9-HXCDD							1.7 U								1.1 U
1,2,3,7,8,9-HXCDF							1.3 U								1.2 U
1,2,3,7,8-PECDD							1.8 U								1 U
1,2,3,7,8-PECDF							1.4 U								0.7 U
2,3,4,6,7,8-HXCDF							1.1 U								1 U
2,3,4,7,8-PECDF							1.3 U								0.7 U
2,3,7,8-TCDD							1.5 U								0.9 U
2,3,7,8-TCDF							1.1 U								0.6 U
TOTAL HPCDD							3.1 U								1.9 U
TOTAL HPCDF							1.8 U								1.5 U
TOTAL HXCDD							1.8 U								1.1 U
TOTAL HXCDF							1.2 U								1 U
TOTAL PECDD							1.8 U								1 U
TOTAL PECDF							1.3 U								0.7 U
TOTAL TCDD							1.5 U								0.9 U
TOTAL TCDF							1.1 U								0.6 U
Total Inorganics (ug/L)															
ANTIMONY	1 U		0.10999 U		1.1 U		1 U		1 U		1 U		1.1 U		1 U
ARSENIC	1 U		0.36 B		1.1 U		1 U		1 U		1 U		1.1 U		1 U

LOCATION	03C04	03C04	03C04	03C04	03C07	03C07	03C07	03C07	03C07	03C07	03C07	03C07	03C08P2	03C08P2	03C08P2
NSAMPLE	AC043B01	AC043B01-F	AC044A01	AC044A01-F	AC071A01	AC071A01-F	AC072A01	AC072A01-F	AC073A01	AC073A01-F	AC074A01	AC074A01-F	AC08P21A01	AC08P21A01-F	AC08P22A01
SAMPLE	AC043B01	AC043B01F	ACO44A01	ACO44A01F	AC071A01	AC071A01F	AC072A01	AC072A01F	AC073A01	AC073A01F	AC074A01	AC074A01F	AC08P21A01	AC08P21A01F	AC08P22A01
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/19/2001	9/19/2001	12/3/2001	12/6/2001	3/21/2001	3/21/2001	6/26/2001	6/26/2001	9/18/2001	9/18/2001	12/11/2001	12/11/2001	3/28/2001	3/28/2001	6/28/2001
BARIUM	22.2		22.6		34.2		29.7		29.6		33.5		69.5		63
BERYLLIUM	1 U		0.10999 U		1.1 U		1 U		1 U		1 U		1.1 U		1 U
CADMIUM	1 U		0.77999 U		1.1 U		1 U		1 U		1 U		1.1 U		1 U
CHROMIUM	5 U		1.5 B		5.6 U		5 U		5 U		5 U		5.6 U		5 U
COBALT	3 U		0.23 B		3.3 U		3 U		3 U		3 U		3.3 U		3 U
COPPER	2 U		1.3 B		2.2 U		3.1		2 U		2 U		2.2 U		2 U
LEAD	1 U		0.21999 B		1.1 U		1 U		1 U		1 U		1.1 U		1 U
MANGANESE															
MERCURY	0.2 U		0.01999 U		0.1 U		0.2 U		0.2 U		0.2 U		0.1 U		0.2 U
NICKEL	10 U		4.8 B		11.1 U		10 U		10 U		10 U		11.1 U		10 U
SELENIUM	2.9		2.8		2.7		2.4		2.7		2		2		1.7
SILVER	3 U		0.10999 U		3.3 U		3 U		3 U		3 U		3.3 U		3 U
THALLIUM	1 U		0.10999 U		1.1 U		1 U		1 U		1 U		1.1 U		1 U
TIN	10 U		0.10999 U		11.1 U		10 U		10 U		10 U		11.1 U		10 U
VANADIUM	2 U		0.15999 B		2.2 U		2 U		2 U		2 U		2.2 U		2 U
ZINC	21.7		16.3		11.1 U		10 U		2020		20.7		11.1 U		10 U
Dissolved Inorganics (ug/L)															
ANTIMONY		1 U		0.15999 B		1 U		1 U		1 U		1 U		1 U	
ARSENIC		1 U		0.23 B		1 U		1 U		1 U		1 U		1 U	
BARIUM		20		21.3		30.9		33		29.7		32.2		64.4	
BERYLLIUM		1 U		0.1 U		1 U		1 U		1 U		1 U		1 U	
CADMIUM		1 U		0.69999 U		1 U		1 U		1 U		1 U		1 U	
CALCIUM		133000		147000		75000		89300		91100		106000		88100	
CHROMIUM		12.4		9.2		5 U		5 U		13.3		6.5		6.1	
COBALT		3 U		0.14 B		3 U		3 U		3 U		3 U		3 U	
COPPER		2 U		0.31999 B		2 U		2 U		2 U		2 U		2 U	
LEAD		1 U		0.1 U		1 U		1 U		1 U		1 U		1 U	
MAGNESIUM		185000		206000		38200		42600		46000		55200		33000	
MANGANESE															
MERCURY		0.2 U		0.01999 U		0.1 U		0.2 U		0.2 U		0.2 U		0.1 U	
NICKEL		10 U		3.8		10 U		10 U		10 U		10 U		10 U	
POTASSIUM		4940		3450		3170		2360		3600		2660		18500	
SELENIUM		3.4		3		1.7		1.8		2.2		1 U		1 U	
SILVER		3 U		0.1 U		3 U		3 U		3 U		3 U		3 U	
SODIUM		50600		14800		19900		19300		20200		28800		14900	
THALLIUM		1 U		0.1 U		1 U		1 U		1 U		1 U		1 U	
TIN		10 U		0.18 B		10 U		10 U		10 U		10 U		10 U	
VANADIUM		2 U		0.1 U		2 U		2 U		2 U		2 U		2 U	
ZINC		10 U		3.9 B		10 U		10 U		10 U		10 U		10 U	
Miscellaneous Parameters (mg/L)															
CHLORIDE	7		5		3		8		9		9		11		12
CYANIDE	0.00999 U		0.00999 U		0.00999 U		0.01 U		0.025		0.00999 U		0.00999 U		0.01 U
PHOSPHORUS (ELEMENTAL)	0.3		0.1 U		0.02999		0.1 U		0.1 U		0.01999 U		0.21999		0.1 U
SULFATE	790		1000		110		90		98		94		130		140
SULFIDE							1 U								1 U
TOTAL ORGANIC CARBON	1 U		1 U		1.4		1 U		1 U		1 U		1 U		1 U
TOTAL ORGANIC HALIDES			0.05 U		0.05 U		0.05 U		0.05 U		0.05 U		0.05		0.05999
Dissolved Miscellaneous Parameters (mg/L)															
PHOSPHORUS (ELEMENTAL)		0.1 U		0.1 U		0.07		0.1 U		0.1 U		0.01999 U		0.2	

LOCATION	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2
NSAMPLE	AC08P22A01-F	AC08P23A01	AC08P23A01-F	AC08P24A00	AC08P24A00-F	AC08P24A01	AC08P24A01-F	AC09P21A01	AC09P21A01-F	AC09P22A01	AC09P22A01-F	AC09P23A01	AC09P23A01-F
SAMPLE	AC08P22A01F	AC08P23A01	AC08P23A01F	AC08P24A00	AC08P24A00F	AC08P24A01	AC08P24A01F	AC09P21A01	AC09P21A01F	AC09P22A01	AC09P22A01F	AC09P23A01	AC09P23A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/28/2001	9/17/2001	9/17/2001	1/2/2001	1/2/2001	12/5/2001	12/5/2001	3/14/2001	3/14/2001	6/12/2001	6/12/2001	9/5/2001	9/5/2001
Volatile Organics (ug/L)													
1,1,1,2-TETRACHLOROETHANE										0.5 U			
1,1,1-TRICHLOROETHANE										0.5 U			
1,1,2,2-TETRACHLOROETHANE										0.5 U			
1,1,2-TRICHLOROETHANE										0.5 U			
1,1-DICHLOROETHANE										0.5 U			
1,1-DICHLOROETHENE		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
1,1-DICHLOROPROPENE										0.5 U			
1,2,3-TRICHLOROBENZENE										0.5 U			
1,2,3-TRICHLOROPROPANE										1 U			
1,2-DIBROMO-3-CHLOROPROPANE										1 U			
1,2-DIBROMOETHANE										0.5 U			
1,2-DICHLOROETHANE										8.4			
1,2-DICHLOROPROPANE										0.5 U			
1,3-DICHLOROPROPANE										0.5 U			
1,4-DIOXANE										100 U			
2,2-DICHLOROPROPANE										0.5 U			
2-BUTANONE										10 U			
2-HEXANONE										10 U			
3-CHLOROPROPENE										10 U			
4-METHYL-2-PENTANONE										10 U			
ACETONE										10 U			
ACETONITRILE										40 U			
ACROLEIN										10 U			
ACRYLONITRILE										3 U			
BENZENE										0.5 U			
BROMOCHLOROMETHANE										0.5 U			
BROMODICHLOROMETHANE										0.5 U			
BROMOFORM										0.5 U			
BROMOMETHANE										1 U			
CARBON DISULFIDE										0.5 U			
CARBON TETRACHLORIDE										0.69999			
CHLOROBENZENE										0.5 U			
CHLORODIBROMOMETHANE										0.5 U			
CHLOROETHANE										0.5 U			
CHLOROFORM										0.69999			
CHLOROMETHANE										0.5 U			
CHLOROPRENE										3 U			
CIS-1,2-DICHLOROETHENE		18		19		18		0.5 U		0.5 U		0.5 U	
CIS-1,3-DICHLOROPROPENE										0.3 U			
DIBROMOMETHANE										0.5 U			
DICHLORODIFLUOROMETHANE										0.5 U			
ETHYL METHACRYLATE										1 U			
ETHYLBENZENE										0.5 U			
ISOBUTANOL										40 U			
METHACRYLONITRILE										1 U			
METHYL IODIDE										0.5 U			
METHYL METHACRYLATE										2 U			
METHYLENE CHLORIDE										3 U			
PROPIONITRILE										40 U			
STYRENE										0.5 U			

LOCATION	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2
NSAMPLE	AC08P22A01-F	AC08P23A01	AC08P23A01-F	AC08P24A00	AC08P24A00-F	AC08P24A01	AC08P24A01-F	AC09P21A01	AC09P21A01-F	AC09P22A01	AC09P22A01-F	AC09P23A01	AC09P23A01-F
SAMPLE	AC08P22A01F	AC08P23A01	AC08P23A01F	AC08P24A00	AC08P24A00F	AC08P24A01	AC08P24A01F	AC09P21A01	AC09P21A01F	AC09P22A01	AC09P22A01F	AC09P23A01	AC09P23A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/28/2001	9/17/2001	9/17/2001	1/2/2001	1/2/2001	12/5/2001	12/5/2001	3/14/2001	3/14/2001	6/12/2001	6/12/2001	9/5/2001	9/5/2001
TETRACHLOROETHENE										0.5 U			
TOLUENE										0.5 U			
TOTAL XYLENES										1 U			
TRANS-1,2-DICHLOROETHENE		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
TRANS-1,3-DICHLOROPROPENE										0.5 U			
TRANS-1,4-DICHLORO-2-BUTENE										10 U			
TRICHLOROETHENE		59		67		67		150		120		180	
TRICHLOROFLUOROMETHANE										0.5 U			
VINYL ACETATE										0.5 U			
VINYL CHLORIDE		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
Semivolatile Organics (ug/L)													
1,2,4,5-TETRACHLOROBENZENE										6 U			
1,2,4-TRICHLOROBENZENE										2 U			
1,2-DICHLOROBENZENE										2 U			
1,3-DICHLOROBENZENE										2 U			
1,4-DICHLOROBENZENE										2 U			
1,4-NAPHTHOQUINONE										6 U			
1,4-PHENYLENEDIAMINE										6 U			
1-NAPHTHYLAMINE										6 U			
2,2'-OXYBIS(1-CHLOROPROPANE)										3 U			
2,3,4,6-TETRACHLOROPHENOL										6 U			
2,4,5-TRICHLOROPHENOL										6 U			
2,4,6-TRICHLOROPHENOL										3 U			
2,4-DICHLOROPHENOL										3 U			
2,4-DIMETHYLPHENOL										6 U			
2,4-DINITROPHENOL										11 U			
2,6-DICHLOROPHENOL										6 U			
2-ACETYLAMINOFLUORENE										6 U			
2-CHLORONAPHTHALENE										2 U			
2-CHLOROPHENOL										3 U			
2-METHYLNAPHTHALENE										0.10999 U			
2-METHYLPHENOL										2 U			
2-NAPHTHYLAMINE										6 U			
2-NITROANILINE										2 U			
2-NITROPHENOL										6 U			
2-PICOLINE										6 U			
3&4-METHYLPHENOL										4 U			
3,3'-DICHLOROBENZIDINE										6 U			
3,3'-DIMETHYLBENZIDINE										6 U			
3-METHYLCHOLANTHRENE										6 U			
3-NITROANILINE										2 U			
4,6-DINITRO-2-METHYLPHENOL										6 U			
4-AMINOBIPHENYL										6 U			
4-BROMOPHENYL PHENYL ETHER										2 U			
4-CHLORO-3-METHYLPHENOL										2 U			
4-CHLOROANILINE										2 U			
4-CHLOROPHENYL PHENYL ETHER										1 U			
4-NITROANILINE										2 U			
4-NITROPHENOL										6 U			
4-NITROQUINOLINE-1-OXIDE										6 U			
5-NITRO-O-TOLUIDINE										6 U			

LOCATION	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2
NSAMPLE	AC08P22A01-F	AC08P23A01	AC08P23A01-F	AC08P24A00	AC08P24A00-F	AC08P24A01	AC08P24A01-F	AC09P21A01	AC09P21A01-F	AC09P22A01	AC09P22A01-F	AC09P23A01	AC09P23A01-F
SAMPLE	AC08P22A01F	AC08P23A01	AC08P23A01F	AC08P24A00	AC08P24A00F	AC08P24A01	AC08P24A01F	AC09P21A01	AC09P21A01F	AC09P22A01	AC09P22A01F	AC09P23A01	AC09P23A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/28/2001	9/17/2001	9/17/2001	1/2/2001	1/2/2001	12/5/2001	12/5/2001	3/14/2001	3/14/2001	6/12/2001	6/12/2001	9/5/2001	9/5/2001
7,12-DIMETHYLBENZ(A)ANTHRACENE										6 U			
A,A-DIMETHYLPHENETHYLAMINE										11 U			
ACENAPHTHENE										0.10999 U			
ACENAPHTHYLENE										0.10999 U			
ACETOPHENONE										6 U			
ANILINE										6 U			
ANTHRACENE										0.10999 U			
ARAMITE										6 U			
BENZO(A)ANTHRACENE										0.10999 U			
BENZO(A)PYRENE										0.10999 U			
BENZO(B)FLUORANTHENE										0.10999 U			
BENZO(G,H,I)PERYLENE										0.10999 U			
BENZO(K)FLUORANTHENE										0.10999 U			
BENZYL ALCOHOL										6 U			
BIS(2-CHLOROETHOXY)METHANE										6 U			
BIS(2-CHLOROETHYL)ETHER										1 U			
BIS(2-ETHYLHEXYL)PHTHALATE										2 U			
BUTYL BENZYL PHTHALATE										2 U			
CHLOROBENZILATE										6 U			
CHRYSENE										0.10999 U			
DI-N-BUTYL PHTHALATE										2 U			
DI-N-OCTYL PHTHALATE										2 U			
DIALLATE										6 U			
DIBENZO(A,H)ANTHRACENE										0.10999 U			
DIBENZOFURAN										1 U			
DIETHYL PHTHALATE										2 U			
DIMETHOATE										6 U			
DIMETHYL PHTHALATE										2 U			
DIPHENYLAMINE										6 U			
DISULFOTON										6 U			
ETHYL METHANE SULFONATE										6 U			
ETHYL PARATHION										6 U			
FAMPHUR										11 U			
FLUORANTHENE										0.10999 U			
FLUORENE										0.10999 U			
HEXACHLOROBENZENE										2 U			
HEXACHLOROBUTADIENE										1 U			
HEXACHLOROCYCLOPENTADIENE										2 U			
HEXACHLOROETHANE										2 U			
HEXACHLOROPROPENE										6 U			
INDENO(1,2,3-CD)PYRENE										0.10999 U			
ISODRIN										6 U			
ISOPHORONE										1 U			
ISOSAFROLE										6 U			
KEPONE										6 U			
METHAPYRILENE										6 U			
METHYL METHANE SULFONATE										6 U			
METHYL PARATHION										6 U			
N-NITROSO-DI-N-BUTYLAMINE										6 U			
N-NITROSO-DI-N-PROPYLAMINE										2 U			
N-NITROSODIETHYLAMINE										6 U			

LOCATION	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2
NSAMPLE	AC08P22A01-F	AC08P23A01	AC08P23A01-F	AC08P24A00	AC08P24A00-F	AC08P24A01	AC08P24A01-F	AC09P21A01	AC09P21A01-F	AC09P22A01	AC09P22A01-F	AC09P23A01	AC09P23A01-F
SAMPLE	AC08P22A01F	AC08P23A01	AC08P23A01F	AC08P24A00	AC08P24A00F	AC08P24A01	AC08P24A01F	AC09P21A01	AC09P21A01F	AC09P22A01	AC09P22A01F	AC09P23A01	AC09P23A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/28/2001	9/17/2001	9/17/2001	1/2/2001	1/2/2001	12/5/2001	12/5/2001	3/14/2001	3/14/2001	6/12/2001	6/12/2001	9/5/2001	9/5/2001
N-NITROSODIMETHYLAMINE										6 U			
N-NITROSOMETHYLETHYLAMINE										6 U			
N-NITROSOMORPHOLINE										6 U			
N-NITROSOPIPERIDINE										6 U			
N-NITROSOPYRROLIDINE										6 U			
NAPHTHALENE										0.10999 U			
O,O,O-TRIETHYL PHOSPHOROTHIOAT										6 U			
O-TOLUIDINE										6 U			
P-(DIMETHYLAMINO)AZOBENZENE										6 U			
PENTACHLOROBENZENE										6 U			
PENTACHLOROETHANE										6 U			
PENTACHLORONITROBENZENE										6 U			
PENTACHLOROPHENOL										6 U			
PHENACETIN										6 U			
PHENANTHRENE										0.10999 U			
PHENOL										6 U			
PHORATE										6 U			
PRONAMIDE										6 U			
PYRENE										0.10999 U			
PYRIDINE										6 U			
SAFROLE										6 U			
SULFOTEPP										6 U			
THIONAZIN										6 U			
Pesticides/PCBs (ug/L)													
4,4'-DDD										0.02199 U			
4,4'-DDE										0.02199 U			
4,4'-DDT										0.02199 U			
ALDRIN										0.01099 U			
ALPHA-BHC										0.01099 U			
ALPHA-CHLORDANE										0.01099 U			
AROCLOR-1016										0.21999 U			
AROCLOR-1221										0.43 U			
AROCLOR-1232										0.21999 U			
AROCLOR-1242										0.21999 U			
AROCLOR-1248										0.21999 U			
AROCLOR-1254										0.21999 U			
AROCLOR-1260										0.21999 U			
BETA-BHC										0.01099 U			
DELTA-BHC										0.01099 U			
DIELDRIN										0.02199 U			
ENDOSULFAN I										0.01099 U			
ENDOSULFAN II										0.02199 U			
ENDOSULFAN SULFATE										0.02199 U			
ENDRIN										0.02199 U			
ENDRIN ALDEHYDE										0.02199 U			
ENDRIN KETONE										0.01099 U			
GAMMA-BHC (LINDANE)										0.01099 U			
GAMMA-CHLORDANE										0.01099 U			
HEPTACHLOR										0.01099 U			
HEPTACHLOR EPOXIDE										0.01099 U			
METHOXYCHLOR										0.10999 U			

LOCATION	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2
NSAMPLE	AC08P22A01-F	AC08P23A01	AC08P23A01-F	AC08P24A00	AC08P24A00-F	AC08P24A01	AC08P24A01-F	AC09P21A01	AC09P21A01-F	AC09P22A01	AC09P22A01-F	AC09P23A01	AC09P23A01-F
SAMPLE	AC08P22A01F	AC08P23A01	AC08P23A01F	AC08P24A00	AC08P24A00F	AC08P24A01	AC08P24A01F	AC09P21A01	AC09P21A01F	AC09P22A01	AC09P22A01F	AC09P23A01	AC09P23A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/28/2001	9/17/2001	9/17/2001	1/2/2001	1/2/2001	12/5/2001	12/5/2001	3/14/2001	3/14/2001	6/12/2001	6/12/2001	9/5/2001	9/5/2001
TOXAPHENE										1.1 U			
Explosives (ug/L)													
1,3,5-TRINITROBENZENE		0.68 U		1.2 U		0.97 U		0.87 U		1.1 U		0.79 U	
1,3-DINITROBENZENE		0.68 U		1.2 U		0.97 U		0.87 U		1.1 U		0.79 U	
2,4,6-TRINITROTOLUENE		0.68 U		1.2 U		0.97 U		0.87 U		1.1 U		0.79 U	
2,4-DINITROTOLUENE		0.68 U		1.2 U		0.97 U		0.87 U		1.1 U		0.79 U	
2,6-DINITROTOLUENE		0.68 U		1.2 U		0.97 U		0.87 U		1.1 U		1.1	
2-AMINO-4,6-DINITROTOLUENE		2.7		2.7		2.3		0.87 U		1.1 U		0.79 U	
2-NITROTOLUENE		0.68 U		1.2 U		0.97 U		0.87 U		1.1 U		0.79 U	
3-NITROTOLUENE		0.68 U		1.2 U		0.97 U		0.87 U		1.1 U		0.79 U	
4-AMINO-2,6-DINITROTOLUENE		3.7		4.2		3.6		0.87 U		1.1 U		0.79 U	
4-NITROTOLUENE		0.68 U		1.2 U		0.97 U		0.87 U		1.1 U		0.79 U	
HMX		34		33		23		4.2		3.4		5.1	
NITROBENZENE		0.68 U		1.2 U		0.97 U		0.87 U		1.1 U		0.79 U	
NITROCELLULOSE		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U	
NITROGLYCERIN		6.8 U		12 U		9.8 U		8.7 U		11 U		7.9 U	
PETN		3.3 U		6.1 U		4.8 U		4.3 U		5.3 U		3.9 U	
RDX		92		92		92		170		180		180	
TETRYL		0.68 U		1.2 U		0.97 U		0.87 U		1.1 U		0.79 U	
Herbicides (ug/L)													
2,4,5-T										0.07999 U			
2,4,5-TP (SILVEX)										0.07999 U			
2,4-D										0.07999 U			
DINOSEB										0.07999 U			
Dioxins/Furans (pg/L)													
1,2,3,4,6,7,8,9-OCDD										8.5 U			
1,2,3,4,6,7,8,9-OCDF										6.9 U			
1,2,3,4,6,7,8-HPCDD										5.1 U			
1,2,3,4,6,7,8-HPCDF										3 U			
1,2,3,4,7,8,9-HPCDF										4.2 U			
1,2,3,6,7,8-HXCDD										3.4 U			
1,2,3,6,7,8-HXCDF										1.9 U			
1,2,3,7,8,9-HXCDD										3.5 U			
1,2,3,7,8,9-HXCDF										2.5 U			
1,2,3,7,8-PECDD										3.4 U			
1,2,3,7,8-PECDF										2.5 U			
2,3,4,6,7,8-HXCDF										2.1 U			
2,3,4,7,8-PECDF										2.6 U			
2,3,7,8-TCDD										2.3 U			
2,3,7,8-TCDF										2.5 U			
TOTAL HPCDD										5.1 U			
TOTAL HPCDF										3.5 U			
TOTAL HXCDD										3.5 U			
TOTAL HXCDF										2.1 U			
TOTAL PECDD										3.4 U			
TOTAL PECDF										2.6 U			
TOTAL TCDD										2.3 U			
TOTAL TCDF										2.5 U			
Total Inorganics (ug/L)													
ANTIMONY		1 U		1.1 U		0.17 B		1.1 U				1 U	
ARSENIC		1 U		1.1 U		0.21999 U		1.1 U				1 U	

LOCATION	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2
NSAMPLE	AC08P22A01-F	AC08P23A01	AC08P23A01-F	AC08P24A00	AC08P24A00-F	AC08P24A01	AC08P24A01-F	AC09P21A01	AC09P21A01-F	AC09P22A01	AC09P22A01-F	AC09P23A01	AC09P23A01-F
SAMPLE	AC08P22A01F	AC08P23A01	AC08P23A01F	AC08P24A00	AC08P24A00F	AC08P24A01	AC08P24A01F	AC09P21A01	AC09P21A01F	AC09P22A01	AC09P22A01F	AC09P23A01	AC09P23A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/28/2001	9/17/2001	9/17/2001	1/2/2001	1/2/2001	12/5/2001	12/5/2001	3/14/2001	3/14/2001	6/12/2001	6/12/2001	9/5/2001	9/5/2001
BARIUM		55		71.8		56.5		14.3				13.4	
BERYLLIUM		1 U		1.1 U		0.10999 U		1.1 U				1 U	
CADMIUM		1 U		1.1 U		0.77999 U		1.1 U				1 U	
CHROMIUM		5 U		5.6 U		2.9 B		5.6 U				5 U	
COBALT		3 U		3.3 U		0.11999 B		3.3 U				3 U	
COPPER		2 U		2.2 U		0.5 B		2.2 U				2 U	
LEAD		1 U		1.1 U		0.10999 U		1.1 U				1 U	
MANGANESE				16.7 U									
MERCURY		0.2 U		0.2 U		0.01999 U		0.1 U				0.2 U	
NICKEL		10 U		11.1 U		3.3 B		11.1 U				10 U	
SELENIUM		2.1		1.6		2		1.7				2	
SILVER		3 U		3.3 U		0.10999 U		3.3 U				3 U	
THALLIUM		1 U		1.1 U		0.10999 U		1.1 U				1 U	
TIN		10 U		11.1 U		0.14 B		11.1 U				10 U	
VANADIUM		2 U		2.2 U		0.10999 B		2.2 U				2 U	
ZINC		123		11.1 U		10.8 B		11.1 U				10 U	
Dissolved Inorganics (ug/L)													
ANTIMONY	1 U		1 U		1 U		0.18999 B		1 U				1 U
ARSENIC	1 U		1 U		1 U		0.2 B		1 U				1 U
BARIUM	56.5		57.6		65.9		54.6		13.3				12.9
BERYLLIUM	1 U		1 U		1 U		0.1 U		1 U				1 U
CADMIUM	1 U		1 U		1 U		0.69999 U		1 U				1 U
CALCIUM	105000		117000				117000		56600				68600
CHROMIUM	5 U		13.5		6.1		9.3		5 U				6.3
COBALT	3 U		3 U		3 U		0.1 U		3 U				3 U
COPPER	2 U		2 U		2 U		0.14 B		2 U				2 U
LEAD	1 U		1 U		1 U		0.1 U		1 U				1 U
MAGNESIUM	39900		44800				43500		13400				14800
MANGANESE					15 U								
MERCURY	0.2 U		0.2 U		0.2 U		0.01999 U		0.1 U				0.2 U
NICKEL	10 U		10 U		10 U		2.8		10 U				10 U
POTASSIUM	11600		11100				8480		1130				1430
SELENIUM	1 U		1 U		1 U		0.99		1				1.2
SILVER	3 U		3 U		3 U		0.1 U		3 U				3 U
SODIUM	12600		12200				18000		3880				3770
THALLIUM	1 U		1 U		1 U		0.1 U		1 U				1 U
TIN	10 U		10 U		10 U		0.18 B		10 U				10 U
VANADIUM	2 U		2 U		2 U		0.1 U		2 U				2 U
ZINC	10 U		10 U		10 U		7.4 B		10 U				10 U
Miscellaneous Parameters (mg/L)													
CHLORIDE		6		14		11		6		5		5	
CYANIDE		0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U	
PHOSPHORUS (ELEMENTAL)		0.1 U		0.1 U		0.1 U		0.05999		0.1		0.1	
SULFATE		130		150		140		47		44		46	
SULFIDE										1 U			
TOTAL ORGANIC CARBON		1 U		1.3		1 U		1 U		1 U		1 U	
TOTAL ORGANIC HALIDES		0.05999		0.09		0.06199		0.11999		0.15999		0.11999	
Dissolved Miscellaneous Parameters (mg/L)													
PHOSPHORUS (ELEMENTAL)	0.1 U		0.1 U		0.1 U		0.1 U		0.07999		0.1 U		0.1 U

LOCATION	03C09P2	03C09P2	03C10	03C10	03C10	03C10	03C11	03C11	03C11	03C11	03C12	03C12	03C12	03C12	03C15	03C15
NSAMPLE	AC09P24A01	AC09P24A01-F	AC101A01	AC101A01-F	AC102A01	AC102A01-F	AC111A01	AC111A01-F	AC112A01	AC112A01-F	AC121A01	AC121A01-F	AC122A01	AC122A01-F	AC151A01	AC151A01-D
SAMPLE	AC09P24A01	AC09P24A01F	AC101A01	AC101A01F	AC102A01	AC102A01F	AC111A01	AC111A01F	AC112A01	AC112A01F	AC121A01	AC121A01F	AC122A01	AC122A01F	AC151A01	FD03260101
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/17/2001	12/17/2001	3/19/2001	3/19/2001	6/20/2001	6/20/2001	3/20/2001	3/20/2001	6/27/2001	6/27/2001	3/13/2001	3/13/2001	6/27/2001	6/27/2001	3/26/2001	3/26/2001
Volatile Organics (ug/L)																
1,1,1,2-TETRACHLOROETHANE					0.5 U				0.5 U				0.5 U			
1,1,1-TRICHLOROETHANE					0.5 U				0.5 U				0.5 U			
1,1,2,2-TETRACHLOROETHANE					0.5 U				0.5 U				0.5 U			
1,1,2-TRICHLOROETHANE					0.5 U				6.8				0.5 U			
1,1-DICHLOROETHANE					0.5 U				0.5 U				0.5 U			
1,1-DICHLOROETHENE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	0.5 U
1,1-DICHLOROPROPENE					0.5 U				0.5 U				0.5 U			
1,2,3-TRICHLOROBENZENE					0.5 U				0.5 U				0.5 U			
1,2,3-TRICHLOROPROPANE					1 U				1 U				1 U			
1,2-DIBROMO-3-CHLOROPROPANE					1 U				1 U				1 U			
1,2-DIBROMOETHANE					0.5 U				0.5 U				0.5 U			
1,2-DICHLOROETHANE					22				0.5 U				0.5 U			
1,2-DICHLOROPROPANE					0.5 U				0.5 U				0.5 U			
1,3-DICHLOROPROPANE					0.5 U				0.5 U				0.5 U			
1,4-DIOXANE					100 U				100 U				100 U			
2,2-DICHLOROPROPANE					0.5 U				0.5 U				0.5 U			
2-BUTANONE					10 U				10 U				10 U			
2-HEXANONE					10 U				10 U				10 U			
3-CHLOROPROPENE					10 U				10 U				10 U			
4-METHYL-2-PENTANONE					10 U				10 U				10 U			
ACETONE					10 U				10 U				10 U			
ACETONITRILE					40 U				40 U				40 U			
ACROLEIN					10 U				10 U				10 U			
ACRYLONITRILE					3 U				3 U				3 U			
BENZENE					0.5 U				0.5 U				0.5 U			
BROMOCHLOROMETHANE					0.5 U				0.5 U				0.5 U			
BROMODICHLOROMETHANE					0.5 U				0.5 U				0.5 U			
BROMOFORM					0.5 U				0.5 U				0.5 U			
BROMOMETHANE					1 U				1 U				1 U			
CARBON DISULFIDE					0.5 U				0.5 U				0.5 U			
CARBON TETRACHLORIDE					1.1				0.3 U				0.3 U			
CHLOROBENZENE					0.5 U				0.5 U				0.5 U			
CHLORODIBROMOMETHANE					0.5 U				0.5 U				0.5 U			
CHLOROETHANE					0.5 U				0.5 U				0.5 U			
CHLOROFORM					1.9				2.2				0.3 U			
CHLOROMETHANE					0.5 U				0.5 U				0.5 U			
CHLOROPRENE					3 U				3 U				3 U			
CIS-1,2-DICHLOROETHENE	0.2 J		0.5 U		0.5 U		6.5		7.2		0.5 U		0.4 J		0.5 U	0.5 U
CIS-1,3-DICHLOROPROPENE					0.3 U				0.3 U				0.3 U			
DIBROMOMETHANE					0.5 U				0.5 U				0.5 U			
DICHLORODIFLUOROMETHANE					0.5 U				0.5 U				0.5 U			
ETHYL METHACRYLATE					1 U				1 U				1 U			
ETHYLBENZENE					0.5 U				0.5 U				0.5 U			
ISOBUTANOL					40 U				40 U				40 U			
METHACRYLONITRILE					1 U				1 U				1 U			
METHYL IODIDE					0.5 U				0.5 U				0.5 U			
METHYL METHACRYLATE					2 U				2 U				2 U			
METHYLENE CHLORIDE					3 U				3 U				3 U			
PROPIONITRILE					40 U				40 U				40 U			
STYRENE					0.5 U				0.5 U				0.5 U			

LOCATION	03C09P2	03C09P2	03C10	03C10	03C10	03C10	03C11	03C11	03C11	03C11	03C12	03C12	03C12	03C12	03C15	03C15
NSAMPLE	AC09P24A01	AC09P24A01-F	AC101A01	AC101A01-F	AC102A01	AC102A01-F	AC111A01	AC111A01-F	AC112A01	AC112A01-F	AC121A01	AC121A01-F	AC122A01	AC122A01-F	AC151A01	AC151A01-D
SAMPLE	AC09P24A01	AC09P24A01F	AC101A01	AC101A01F	AC102A01	AC102A01F	AC111A01	AC111A01F	AC112A01	AC112A01F	AC121A01	AC121A01F	AC122A01	AC122A01F	AC151A01	FD03260101
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/17/2001	12/17/2001	3/19/2001	3/19/2001	6/20/2001	6/20/2001	3/20/2001	3/20/2001	6/27/2001	6/27/2001	3/13/2001	3/13/2001	6/27/2001	6/27/2001	3/26/2001	3/26/2001
TETRACHLOROETHENE					0.5 U				0.5 U				0.5 U			
TOLUENE					0.5 U				0.5 U				0.5 U			
TOTAL XYLENES					1 U				1 U				1 U			
TRANS-1,2-DICHLOROETHENE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	0.5 U
TRANS-1,3-DICHLOROPROPENE					0.5 U				0.5 U				0.5 U			
TRANS-1,4-DICHLORO-2-BUTENE					10 U				10 U				10 U			
TRICHLOROETHENE	180		55		48		2300		1900		19		16		0.5 U	0.5 U
TRICHLOROFLUOROMETHANE					0.5 U				0.5 U				0.5 U			
VINYL ACETATE					0.5 U				0.5 U				0.5 U			
VINYL CHLORIDE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	0.5 U
Semivolatile Organics (ug/L)																
1,2,4,5-TETRACHLOROBENZENE					5 U				5 U				5 U			
1,2,4-TRICHLOROBENZENE					2 U				2 U				2 U			
1,2-DICHLOROBENZENE					2 U				2 U				2 U			
1,3-DICHLOROBENZENE					2 U				2 U				2 U			
1,4-DICHLOROBENZENE					2 U				2 U				2 U			
1,4-NAPHTHOQUINONE					5 U				5 U				5 U			
1,4-PHENYLENEDIAMINE					5 U				5 U				5 U			
1-NAPHTHYLAMINE					5 U				5 U				5 U			
2,2'-OXYBIS(1-CHLOROPROPANE)					3 U				3 U				3 U			
2,3,4,6-TETRACHLOROPHENOL					5 U				5 U				5 U			
2,4,5-TRICHLOROPHENOL					5 U				5 U				5 U			
2,4,6-TRICHLOROPHENOL					3 U				3 U				3 U			
2,4-DICHLOROPHENOL					3 U				3 U				3 U			
2,4-DIMETHYLPHENOL					5 U				5 U				5 U			
2,4-DINITROPHENOL					10 U				10 U				10 U			
2,6-DICHLOROPHENOL					5 U				5 U				5 U			
2-ACETYLAMINOFLUORENE					5 U				5 U				5 U			
2-CHLORONAPHTHALENE					2 U				2 U				2 U			
2-CHLOROPHENOL					3 U				3 U				3 U			
2-METHYLNAPHTHALENE					0.1 U				0.1 U				0.1 U			
2-METHYLPHENOL					2 U				2 U				2 U			
2-NAPHTHYLAMINE					5 U				5 U				5 U			
2-NITROANILINE					2 U				2 U				2 U			
2-NITROPHENOL					5 U				5 U				5 U			
2-PICOLINE					5 U				5 U				5 U			
3&4-METHYLPHENOL					4 U				4 U				4 U			
3,3'-DICHLOROBENZIDINE					5 U				5 U				5 U			
3,3'-DIMETHYLBENZIDINE					5 U				5 U				5 U			
3-METHYLCHOLANTHRENE					5 U				5 U				5 U			
3-NITROANILINE					2 U				2 U				2 U			
4,6-DINITRO-2-METHYLPHENOL					5 U				5 U				5 U			
4-AMINOBIPHENYL					5 U				5 U				5 U			
4-BROMOPHENYL PHENYL ETHER					2 U				2 U				2 U			
4-CHLORO-3-METHYLPHENOL					2 U				2 U				2 U			
4-CHLOROANILINE					2 U				2 U				2 U			
4-CHLOROPHENYL PHENYL ETHER					1 U				1 U				1 U			
4-NITROANILINE					2 U				2 U				2 U			
4-NITROPHENOL					5 U				5 U				5 U			
4-NITROQUINOLINE-1-OXIDE					5 U				5 U				5 U			
5-NITRO-O-TOLUIDINE					5 U				5 U				5 U			

LOCATION	03C09P2	03C09P2	03C10	03C10	03C10	03C10	03C11	03C11	03C11	03C11	03C12	03C12	03C12	03C12	03C15	03C15
NSAMPLE	AC09P24A01	AC09P24A01-F	AC101A01	AC101A01-F	AC102A01	AC102A01-F	AC111A01	AC111A01-F	AC112A01	AC112A01-F	AC121A01	AC121A01-F	AC122A01	AC122A01-F	AC151A01	AC151A01-D
SAMPLE	AC09P24A01	AC09P24A01F	AC101A01	AC101A01F	AC102A01	AC102A01F	AC111A01	AC111A01F	AC112A01	AC112A01F	AC121A01	AC121A01F	AC122A01	AC122A01F	AC151A01	FD03260101
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/17/2001	12/17/2001	3/19/2001	3/19/2001	6/20/2001	6/20/2001	3/20/2001	3/20/2001	6/27/2001	6/27/2001	3/13/2001	3/13/2001	6/27/2001	6/27/2001	3/26/2001	3/26/2001
7,12-DIMETHYLBENZ(A)ANTHRACENE					5 U				5 U				5 U			
A,A-DIMETHYLPHENETHYLAMINE					10 U				10 U				10 U			
ACENAPHTHENE					0.1 U				0.1 U				0.1 U			
ACENAPHTHYLENE					0.1 U				0.1 U				0.1 U			
ACETOPHENONE					5 U				5 U				5 U			
ANILINE					5 U				5 U				5 U			
ANTHRACENE					0.1 U				0.1 U				0.1 U			
ARAMITE					5 U				5 U				5 U			
BENZO(A)ANTHRACENE					0.1 U				0.1 U				0.1 U			
BENZO(A)PYRENE					0.1 U				0.1 U				0.1 U			
BENZO(B)FLUORANTHENE					0.1 U				0.1 U				0.1 U			
BENZO(G,H,I)PERYLENE					0.1 U				0.1 U				0.1 U			
BENZO(K)FLUORANTHENE					0.1 U				0.1 U				0.1 U			
BENZYL ALCOHOL					5 U				5 U				5 U			
BIS(2-CHLOROETHOXY)METHANE					5 U				5 U				5 U			
BIS(2-CHLOROETHYL)ETHER					1 U				1 U				1 U			
BIS(2-ETHYLHEXYL)PHTHALATE					2 U				2 U				2 U			
BUTYL BENZYL PHTHALATE					2 U				2 U				2 U			
CHLOROBENZILATE					5 U				5 U				5 U			
CHRYSENE					0.1 U				0.1 U				0.1 U			
DI-N-BUTYL PHTHALATE					2 U				2 U				2 U			
DI-N-OCTYL PHTHALATE					2 U				2 U				2 U			
DIALLATE					5 U				5 U				5 U			
DIBENZO(A,H)ANTHRACENE					0.1 U				0.1 U				0.1 U			
DIBENZOFURAN					1 U				1 U				1 U			
DIETHYL PHTHALATE					2 U				2 U				2 U			
DIMETHOATE					5 U				5 U				5 U			
DIMETHYL PHTHALATE					2 U				2 U				2 U			
DIPHENYLAMINE					5 U				5 U				5 U			
DISULFOTON					5 U				5 U				5 U			
ETHYL METHANE SULFONATE					5 U				5 U				5 U			
ETHYL PARATHION					5 U				5 U				5 U			
FAMPHUR					10 U				10 U				10 U			
FLUORANTHENE					0.1 U				0.1 U				0.1 U			
FLUORENE					0.1 U				0.1 U				0.1 U			
HEXACHLOROBENZENE					2 U				2 U				2 U			
HEXACHLOROBUTADIENE					1 U				1 U				1 U			
HEXACHLOROCYCLOPENTADIENE					2 U				2 U				2 U			
HEXACHLOROETHANE					2 U				2 U				2 U			
HEXACHLOROPROPENE					5 U				5 U				5 U			
INDENO(1,2,3-CD)PYRENE					0.1 U				0.1 U				0.1 U			
ISODRIN					5 U				5 U				5 U			
ISOPHORONE					1 U				1 U				1 U			
ISOSAFROLE					5 U				5 U				5 U			
KEPONE					5 U				5 U				5 U			
METHAPYRILENE					5 U				5 U				5 U			
METHYL METHANE SULFONATE					5 U				5 U				5 U			
METHYL PARATHION					5 U				5 U				5 U			
N-NITROSO-DI-N-BUTYLAMINE					5 U				5 U				5 U			
N-NITROSO-DI-N-PROPYLAMINE					2 U				2 U				2 U			
N-NITROSODIETHYLAMINE					5 U				5 U				5 U			

LOCATION	03C09P2	03C09P2	03C10	03C10	03C10	03C10	03C11	03C11	03C11	03C11	03C12	03C12	03C12	03C12	03C12	03C15	03C15
NSAMPLE	AC09P24A01	AC09P24A01-F	AC101A01	AC101A01-F	AC102A01	AC102A01-F	AC111A01	AC111A01-F	AC112A01	AC112A01-F	AC121A01	AC121A01-F	AC122A01	AC122A01-F	AC151A01	AC151A01	AC151A01-D
SAMPLE	AC09P24A01	AC09P24A01F	AC101A01	AC101A01F	AC102A01	AC102A01F	AC111A01	AC111A01F	AC112A01	AC112A01F	AC121A01	AC121A01F	AC122A01	AC122A01F	AC151A01	AC151A01	FD03260101
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/17/2001	12/17/2001	3/19/2001	3/19/2001	6/20/2001	6/20/2001	3/20/2001	3/20/2001	6/27/2001	6/27/2001	3/13/2001	3/13/2001	6/27/2001	6/27/2001	3/26/2001	3/26/2001	3/26/2001
N-NITROSODIMETHYLAMINE					5 U				5 U				5 U				
N-NITROSOMETHYLETHYLAMINE					5 U				5 U				5 U				
N-NITROSOMORPHOLINE					5 U				5 U				5 U				
N-NITROSOPIPERIDINE					5 U				5 U				5 U				
N-NITROSOPYRROLIDINE					5 U				5 U				5 U				
NAPHTHALENE					0.1 U				0.1 U				0.1 U				
O,O,O-TRIETHYL PHOSPHOROTHIOAT					5 U				5 U				5 U				
O-TOLUIDINE					5 U				5 U				5 U				
P-(DIMETHYLAMINO)AZOBENZENE					5 U				5 U				5 U				
PENTACHLOROBENZENE					5 U				5 U				5 U				
PENTACHLOROETHANE					5 U				5 U				5 U				
PENTACHLORONITROBENZENE					5 U				5 U				5 U				
PENTACHLOROPHENOL					5 U				5 U				5 U				
PHENACETIN					5 U				5 U				5 U				
PHENANTHRENE					0.1 U				0.1 U				0.1 U				
PHENOL					5 U				5 U				5 U				
PHORATE					5 U				5 U				5 U				
PRONAMIDE					5 U				5 U				5 U				
PYRENE					0.1 U				0.1 U				0.1 U				
PYRIDINE					5 U				5 U				5 U				
SAFROLE					5 U				5 U				5 U				
SULFOTEPP					5 U				5 U				5 U				
THIONAZIN					5 U				5 U				5 U				
Pesticides/PCBs (ug/L)																	
4,4'-DDD					0.01999 U				0.01999 U				0.01999 U				
4,4'-DDE					0.01999 U				0.01999 U				0.01999 U				
4,4'-DDT					0.01999 U				0.01999 U				0.01999 U				
ALDRIN					0.00999 U				0.00999 U				0.00999 U				
ALPHA-BHC					0.00999 U				0.00999 U				0.00999 U				
ALPHA-CHLORDANE					0.00999 U				0.00999 U				0.00999 U				
AROCLOR-1016					0.2 U				0.2 U				0.2 U				
AROCLOR-1221					0.4 U				0.4 U				0.4 U				
AROCLOR-1232					0.2 U				0.2 U				0.2 U				
AROCLOR-1242					0.2 U				0.2 U				0.2 U				
AROCLOR-1248					0.2 U				0.2 U				0.2 U				
AROCLOR-1254					0.2 U				0.2 U				0.2 U				
AROCLOR-1260					0.2 U				0.2 U				0.2 U				
BETA-BHC					0.00999 U				0.00999 U				0.00999 U				
DELTA-BHC					0.00999 U				0.00999 U				0.00999 U				
DIELDRIN					0.01999 U				0.01999 U				0.01999 U				
ENDOSULFAN I					0.00999 U				0.00999 U				0.00999 U				
ENDOSULFAN II					0.01999 U				0.01999 U				0.01999 U				
ENDOSULFAN SULFATE					0.01999 U				0.01999 U				0.01999 U				
ENDRIN					0.01999 U				0.01999 U				0.01999 U				
ENDRIN ALDEHYDE					0.01999 U				0.01999 U				0.01999 U				
ENDRIN KETONE					0.01999 U				0.01999 U				0.01999 U				
GAMMA-BHC (LINDANE)					0.00999 U				0.00999 U				0.00999 U				
GAMMA-CHLORDANE					0.00999 U				0.00999 U				0.00999 U				
HEPTACHLOR					0.00999 U				0.00999 U				0.00999 U				
HEPTACHLOR EPOXIDE					0.00999 U				0.00999 U				0.00999 U				
METHOXYCHLOR					0.1 U				0.1 U				0.1 U				

LOCATION	03C09P2	03C09P2	03C10	03C10	03C10	03C10	03C11	03C11	03C11	03C11	03C12	03C12	03C12	03C12	03C15	03C15
NSAMPLE	AC09P24A01	AC09P24A01-F	AC101A01	AC101A01-F	AC102A01	AC102A01-F	AC111A01	AC111A01-F	AC112A01	AC112A01-F	AC121A01	AC121A01-F	AC122A01	AC122A01-F	AC151A01	AC151A01-D
SAMPLE	AC09P24A01	AC09P24A01F	AC101A01	AC101A01F	AC102A01	AC102A01F	AC111A01	AC111A01F	AC112A01	AC112A01F	AC121A01	AC121A01F	AC122A01	AC122A01F	AC151A01	FD03260101
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/17/2001	12/17/2001	3/19/2001	3/19/2001	6/20/2001	6/20/2001	3/20/2001	3/20/2001	6/27/2001	6/27/2001	3/13/2001	3/13/2001	6/27/2001	6/27/2001	3/26/2001	3/26/2001
TOXAPHENE					1 U				1 U				1 U			
Explosives (ug/L)																
1,3,5-TRINITROBENZENE	0.73 U		0.74 U		0.91 U		0.70999 U		0.76999 U		0.89999 U		0.61 U		1 U	0.46999 U
1,3-DINITROBENZENE	0.73 U		0.74 U		0.91 U		0.70999 U		0.76999 U		0.89999 U		0.61 U		1 U	0.46999 U
2,4,6-TRINITROTOLUENE	0.73 U		0.74 U		0.91 U		0.70999 U		0.76999 U		0.89999 U		0.61 U		1 U	0.46999 U
2,4-DINITROTOLUENE	0.73 U		0.74 U		0.91 U		0.70999 U		0.76999 U		0.89999 U		0.61 U		1 U	0.46999 U
2,6-DINITROTOLUENE	1.2		0.74 U		0.91 U		0.70999 U		0.76999 U		0.89999 U		0.61 U		1 U	0.46999 U
2-AMINO-4,6-DINITROTOLUENE	0.73 U		0.74 U		0.91 U		0.70999 U		0.76999 U		0.89999 U		0.61 U		1 U	0.46999 U
2-NITROTOLUENE	0.73 U		0.74 U		0.91 U		0.70999 U		0.76999 U		0.89999 U		0.61 U		1 U	0.46999 U
3-NITROTOLUENE	0.73 U		0.74 U		0.91 U		0.70999 U		0.76999 U		0.89999 U		0.61 U		1 U	0.46999 U
4-AMINO-2,6-DINITROTOLUENE	0.73 U		0.93		1.1		0.70999 U		0.76999 U		0.89999 U		0.61 U		1 U	0.46999 U
4-NITROTOLUENE	0.73 U		0.74 U		0.91 U		0.70999 U		0.76999 U		0.89999 U		0.61 U		1 U	0.46999 U
HMX	4.9		8.3		7.8		6.5		8.4		21		23		1 U	0.46999 U
NITROBENZENE	0.73 U		0.74 U		0.91 U		0.70999 U		0.76999 U		0.89999 U		0.61 U		1 U	0.46999 U
NITROCELLULOSE	1000 U		1000 U		1000 U		1000 UJ		1000 U		14000		1000 U		1000 U	1000 U
NITROGLYCERIN	7.3 U		7.4 U		9.1 U		7.2 U		7.7 U		9 U		6.1 U		10 U	4.7 U
PETN	3.6 U		3.6 U		4.5 U		3.5 U		3.8 U		4.4 U		3 U		4.9 U	2.3 U
RDX	190		130		120		31		34		11		9.3		1 U	0.46999 U
TETRYL	0.73 U		0.74 U		0.91 U		0.70999 U		0.76999 U		0.89999 U		0.61 U		1 U	0.46999 U
Herbicides (ug/L)																
2,4,5-T					0.07999 U				0.07999 U				0.07999 U			
2,4,5-TP (SILVEX)					0.07999 U				0.07999 U				0.07999 U			
2,4-D					0.07999 U				0.07999 U				0.07999 U			
DINOSEB					0.07999 U				0.07999 U				0.07999 U			
Dioxins/Furans (pg/L)																
1,2,3,4,6,7,8,9-OCDD					8.5 U				6.3 U				16.6 J			
1,2,3,4,6,7,8,9-OCDF					6.6 U				4.7 U				3.5 U			
1,2,3,4,6,7,8-HPCDD					5.2 U				3.4 U				2.7 U			
1,2,3,4,6,7,8-HPCDF					2.5 U				3.6 U				3.6 U			
1,2,3,4,7,8,9-HPCDF					3.5 U				4.6 U				4.6 U			
1,2,3,6,7,8-HXCDD					2.8 U				2 U				1.6 U			
1,2,3,6,7,8-HXCDF					1.8 U				2.3 U				2.4 U			
1,2,3,7,8,9-HXCDD					2.7 U				2.1 U				1.6 U			
1,2,3,7,8,9-HXCDF					2.3 U				2.9 U				2.9 U			
1,2,3,7,8-PECDD					3 U				1.7 U				1.5 U			
1,2,3,7,8-PECDF					2.1 U				1.5 U				1.2 U			
2,3,4,6,7,8-HXCDF					1.9 U				2.3 U				2.4 U			
2,3,4,7,8-PECDF					2 U				1.4 U				1.2 U			
2,3,7,8-TCDD					2.5 U				1.5 U				1.2 U			
2,3,7,8-TCDF					1.8 U				1 U				0.9 U			
TOTAL HPCDD					5.2 U				3.4 U				2.7 U			
TOTAL HPCDF					2.9 U				4 U				4 U			
TOTAL HXCDD					2.8 U				2 U				1.6 U			
TOTAL HXCDF					1.9 U				2.5 U				2.5 U			
TOTAL PECDD					3 U				1.7 U				1.5 U			
TOTAL PECDF					2 U				1.4 U				1.2 U			
TOTAL TCDD					2.5 U				1.5 U				1.2 U			
TOTAL TCDF					1.8 U				1 U				0.9 U			
Total Inorganics (ug/L)																
ANTIMONY	1 U		1.1 U				1.1 U		1 U		1.1 U		1 U		1.1 U	1.1 U
ARSENIC	1 U		1.1 U				1.1 U		1 U		1.1 U		1 U		1.1 U	1.1 U

LOCATION	03C09P2	03C09P2	03C10	03C10	03C10	03C10	03C11	03C11	03C11	03C11	03C12	03C12	03C12	03C12	03C15	03C15
NSAMPLE	AC09P24A01	AC09P24A01-F	AC101A01	AC101A01-F	AC102A01	AC102A01-F	AC111A01	AC111A01-F	AC112A01	AC112A01-F	AC121A01	AC121A01-F	AC122A01	AC122A01-F	AC151A01	AC151A01-D
SAMPLE	AC09P24A01	AC09P24A01F	AC101A01	AC101A01F	AC102A01	AC102A01F	AC111A01	AC111A01F	AC112A01	AC112A01F	AC121A01	AC121A01F	AC122A01	AC122A01F	AC151A01	FD03260101
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/17/2001	12/17/2001	3/19/2001	3/19/2001	6/20/2001	6/20/2001	3/20/2001	3/20/2001	6/27/2001	6/27/2001	3/13/2001	3/13/2001	6/27/2001	6/27/2001	3/26/2001	3/26/2001
BARIUM	17.6		44.9				22.6		19.9		92.2		89		25.5	25
BERYLLIUM	1 U		1.1 U				1.1 U		1 U		1.1 U		1 U		1.1 U	1.1 U
CADMIUM	1 U		1.1 U				1.1 U		1 U		1.1 U		1 U		1.1 U	1.1 U
CHROMIUM	5 U		5.6 U				5.6 U		5 U		5.6 U		5 U		5.6 U	5.6 U
COBALT	3 U		3.3 U				3.3 U		3 U		3.3 U		3 U		3.3 U	3.3 U
COPPER	2 U		2.2 U				2.2 U		2 U		2.2 U		2 U		2.2 U	2.2 U
LEAD	1 U		1.1 U				1.1 U		1 U		1.1 U		1 U		1.1 U	1.1 U
MANGANESE																
MERCURY	0.2 U		0.1 U				0.1 U		0.2 U		0.1 U		0.2 U		0.1 U	0.1 U
NICKEL	10 U		11.1 U				11.1 U		10 U		11.1 U		10 U		11.1 U	11.1 U
SELENIUM	1.6		3.7				5.9		5		1.1 U		1.3		1.8	1.8
SILVER	3 U		3.3 U				3.3 U		3 U		3.3 U		3 U		3.3 U	3.3 U
THALLIUM	1 U		1.1 U				1.1 U		1 U		1.1 U		1 U		1.1 U	1.1 U
TIN	10 U		11.1 U				11.1 U		10 U		11.1 U		10 U		11.1 U	11.1 U
VANADIUM	2 U		2.2 U				2.2 U		2 U		2.2 U		2 U		2.2 U	2.2 U
ZINC	10 U		11.1 U				11.1 U		10 U		11.1 U		10 U		11.1 U	11.1 U
Dissolved Inorganics (ug/L)																
ANTIMONY		1 U		1 U				1 U		1 U		1 U		1 U		
ARSENIC		1 U		1 U				1 U		1 U		1 U		1 U		
BARIUM		13.9		43.6				21.8		19.7		91.9		91.6		
BERYLLIUM		1 U		1 U				1 U		1 U		1 U		1 U		
CADMIUM		1 U		1 U				1 U		1 U		1 U		1 U		
CALCIUM		73800		71600				174000		191000		79600		92200		
CHROMIUM		5 U		5 U				6.2		5 U		5 U		5 U		
COBALT		3 U		3 U				3 U		3 U		3 U		3 U		
COPPER		2 U		2 U				2 U		2 U		2 U		2 U		
LEAD		1 U		1 U				1 U		1 U		1 U		1 U		
MAGNESIUM		16500		10700				101000		105000		6870		6580		
MANGANESE																
MERCURY		0.2 U		0.1 U				0.1 U		0.2 U		0.1 U		0.2 U		
NICKEL		10 U		10 U				10 U		10 U		10 U		10 U		
POTASSIUM		1420		1000 U				2730		4330		1930		2150		
SELENIUM		1 U		1 U				2.4		2.8		1 U		1 U		
SILVER		3 U		3 U				3 U		3 U		3 U		3 U		
SODIUM		5360		6250				74300		81000		11900		9530		
THALLIUM		1 U		1 U				1 U		1 U		1 U		1 U		
TIN		10 U		10 U				10 U		10 U		10 U		10 U		
VANADIUM		2 U		2 U				2 U		2 U		2 U		2 U		
ZINC		10 U		10 U				10 U		10 U		10 U		10 U		
Miscellaneous Parameters (mg/L)																
CHLORIDE	5		10		9		70		60		42		35		5	5
CYANIDE	0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.01 U		0.00999 U		0.01 U		0.00999 U	0.00999 U
PHOSPHORUS (ELEMENTAL)	0.1 U		0.03999		0.14		0.03999		0.1 U		0.05999		0.97		0.89999	0.18999 J
SULFATE	44		200		61		830		720		63		60		140	160
SULFIDE					1 U				1 U				1 U			
TOTAL ORGANIC CARBON	1.2		1		1 U		1.6		1 U		1 U		1 U		1 U	1 U
TOTAL ORGANIC HALIDES	0.05 U		0.05999		0.05 U		1.6		1.7		0.05 U		0.05 U		0.05 U	0.05 U
Dissolved Miscellaneous Parameters (mg/L)																
PHOSPHORUS (ELEMENTAL)		0.1 U		0.03999		0.11999		0.02999		0.1 U		0.03999		0.43		

LOCATION	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C17	03C17	03C17
NSAMPLE	AC151A01-F	AC151A01-F-D	AC152A01	AC152A01-D	AC152A01-F	AC152A01-F-D	AC153A01	AC153A01-D	AC153A01-F	AC153A01-F-D	AC154A01	AC154A01-F	AC171A01	AC171A01-F	AC172A01
SAMPLE	AC151A01F	FD03260101F	AC152A01	FD06190101	AC152A01F	FD06190101F	AC153A01	FD09060101	AC153A01F	FD09060101F	AC154A01	AC154A01F	AC171A01	AC171A01F	AC172A01
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/26/2001	3/26/2001	6/19/2001	6/19/2001	6/19/2001	6/19/2001	9/6/2001	9/6/2001	9/6/2001	9/6/2001	11/27/2001	11/27/2001	4/2/2001	4/2/2001	7/3/2001
Volatile Organics (ug/L)															
1,1,1,2-TETRACHLOROETHANE			0.5 U	0.5 U											0.5 U
1,1,1-TRICHLOROETHANE			0.5 U	0.5 U											0.5 U
1,1,2,2-TETRACHLOROETHANE			0.5 U	0.5 U											0.5 U
1,1,2-TRICHLOROETHANE			0.5 U	0.5 U											0.5 U
1,1-DICHLOROETHANE			0.5 U	0.5 U											0.5 U
1,1-DICHLOROETHENE			0.5 U	0.5 U			0.5 U	0.5 U			0.5 U		0.5 U		0.5 U
1,1-DICHLOROPROPENE			0.5 U	0.5 U											0.5 U
1,2,3-TRICHLOROBENZENE			0.5 U	0.5 U											0.5 U
1,2,3-TRICHLOROPROPANE			1 U	1 U											1 U
1,2-DIBROMO-3-CHLOROPROPANE			1 U	1 U											1 U
1,2-DIBROMOETHANE			0.5 U	0.5 U											0.5 U
1,2-DICHLOROETHANE			0.5 U	0.5 U											0.5 U
1,2-DICHLOROPROPANE			0.5 U	0.5 U											0.5 U
1,3-DICHLOROPROPANE			0.5 U	0.5 U											0.5 U
1,4-DIOXANE			100 U	100 U											100 U
2,2-DICHLOROPROPANE			0.5 U	0.5 U											0.5 U
2-BUTANONE			10 U	10 U											10 U
2-HEXANONE			10 U	10 U											10 U
3-CHLOROPROPENE			10 U	10 U											10 U
4-METHYL-2-PENTANONE			10 U	10 U											10 U
ACETONE			10 U	10 U											10 U
ACETONITRILE			40 U	40 U											40 U
ACROLEIN			10 U	10 U											10 U
ACRYLONITRILE			3 U	3 U											3 U
BENZENE			0.5 U	0.5 U											0.5 U
BROMOCHLOROMETHANE			0.5 U	0.5 U											0.5 U
BROMODICHLOROMETHANE			0.5 U	0.5 U											0.5 U
BROMOFORM			0.5 U	0.5 U											0.5 U
BROMOMETHANE			1 U	1 U											1 U
CARBON DISULFIDE			0.5 U	0.5 U											0.5 U
CARBON TETRACHLORIDE			0.3 U	0.3 U											0.3 U
CHLOROBENZENE			0.5 U	0.5 U											0.5 U
CHLORODIBROMOMETHANE			0.5 U	0.5 U											0.5 U
CHLOROETHANE			0.5 U	0.5 U											0.5 U
CHLOROFORM			0.3 U	0.3 U											0.3 U
CHLOROMETHANE			0.5 U	0.5 U											0.5 U
CHLOROPRENE			3 U	3 U											3 U
CIS-1,2-DICHLOROETHENE			0.5 U	0.5 U			0.5 U	0.5 U			0.5 U		0.5 U		0.5 U
CIS-1,3-DICHLOROPROPENE			0.3 U	0.3 U											0.3 U
DIBROMOMETHANE			0.5 U	0.5 U											0.5 U
DICHLORODIFLUOROMETHANE			0.5 U	0.5 U											0.5 U
ETHYL METHACRYLATE			1 U	1 U											1 U
ETHYLBENZENE			0.5 U	0.5 U											0.5 U
ISOBUTANOL			40 U	40 U											40 U
METHACRYLONITRILE			1 U	1 U											1 U
METHYL IODIDE			0.5 U	0.5 U											0.5 U
METHYL METHACRYLATE			2 U	2 U											2 U
METHYLENE CHLORIDE			3 U	3 U											3 U
PROPIONITRILE			40 U	40 U											40 U
STYRENE			0.5 U	0.5 U											0.5 U

LOCATION	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C17	03C17	03C17
NSAMPLE	AC151A01-F	AC151A01-F-D	AC152A01	AC152A01-D	AC152A01-F	AC152A01-F-D	AC153A01	AC153A01-D	AC153A01-F	AC153A01-F-D	AC154A01	AC154A01-F	AC171A01	AC171A01-F	AC172A01
SAMPLE	AC151A01F	FD03260101F	AC152A01	FD06190101	AC152A01F	FD06190101F	AC153A01	FD09060101	AC153A01F	FD09060101F	AC154A01	AC154A01F	AC171A01	AC171A01F	AC172A01
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/26/2001	3/26/2001	6/19/2001	6/19/2001	6/19/2001	6/19/2001	9/6/2001	9/6/2001	9/6/2001	9/6/2001	11/27/2001	11/27/2001	4/2/2001	4/2/2001	7/3/2001
TETRACHLOROETHENE			0.5 U	0.5 U											0.5 U
TOLUENE			0.5 U	0.5 U											0.5 U
TOTAL XYLENES			1 U	1 U											1 U
TRANS-1,2-DICHLOROETHENE			0.5 U	0.5 U			0.5 U	0.5 U			0.5 U		0.5 U		0.5 U
TRANS-1,3-DICHLOROPROPENE			0.5 U	0.5 U											0.5 U
TRANS-1,4-DICHLORO-2-BUTENE			10 U	10 U											10 U
TRICHLOROETHENE			0.5 U	0.5 U			0.6	0.5 U			0.5 U		0.5 U		0.5 U
TRICHLOROFLUOROMETHANE			0.5 U	0.5 U											0.5 U
VINYL ACETATE			0.5 U	0.5 U											0.5 U
VINYL CHLORIDE			0.5 U	0.5 U			0.5 U	0.5 U			0.5 U		0.5 U		0.5 U
Semivolatile Organics (ug/L)															
1,2,4,5-TETRACHLOROBENZENE			5 U	5 U											5 U
1,2,4-TRICHLOROBENZENE			2 U	2 U											2 U
1,2-DICHLOROBENZENE			2 U	2 U											2 U
1,3-DICHLOROBENZENE			2 U	2 U											2 U
1,4-DICHLOROBENZENE			2 U	2 U											2 U
1,4-NAPHTHOQUINONE			5 U	5 U											5 U
1,4-PHENYLENEDIAMINE			5 U	5 U											5 U
1-NAPHTHYLAMINE			5 U	5 U											5 U
2,2'-OXYBIS(1-CHLOROPROPANE)			3 U	3 U											3 U
2,3,4,6-TETRACHLOROPHENOL			5 U	5 U											5 U
2,4,5-TRICHLOROPHENOL			5 U	5 U											5 U
2,4,6-TRICHLOROPHENOL			3 U	3 U											3 U
2,4-DICHLOROPHENOL			3 U	3 U											3 U
2,4-DIMETHYLPHENOL			5 U	5 U											5 U
2,4-DINITROPHENOL			11 U	11 U											10 U
2,6-DICHLOROPHENOL			5 U	5 U											5 U
2-ACETYLAMINOFLUORENE			5 U	5 U											5 U
2-CHLORONAPHTHALENE			2 U	2 U											2 U
2-CHLOROPHENOL			3 U	3 U											3 U
2-METHYLNAPHTHALENE			0.10999 U	0.10999 U											0.1 U
2-METHYLPHENOL			2 U	2 U											2 U
2-NAPHTHYLAMINE			5 U	5 U											5 U
2-NITROANILINE			2 U	2 U											2 U
2-NITROPHENOL			5 U	5 U											5 U
2-PICOLINE			5 U	5 U											5 U
3&4-METHYLPHENOL			4 U	4 U											4 U
3,3'-DICHLOROBENZIDINE			5 U	5 U											5 U
3,3'-DIMETHYLBENZIDINE			5 U	5 U											5 U
3-METHYLCHOLANTHRENE			5 U	5 U											5 U
3-NITROANILINE			2 U	2 U											2 U
4,6-DINITRO-2-METHYLPHENOL			5 U	5 U											5 U
4-AMINOBIPHENYL			5 U	5 U											5 U
4-BROMOPHENYL PHENYL ETHER			2 U	2 U											2 U
4-CHLORO-3-METHYLPHENOL			2 U	2 U											2 U
4-CHLOROANILINE			2 U	2 U											2 U
4-CHLOROPHENYL PHENYL ETHER			1 U	1 U											1 U
4-NITROANILINE			2 U	2 U											2 U
4-NITROPHENOL			5 U	5 U											5 U
4-NITROQUINOLINE-1-OXIDE			5 U	5 U											5 U
5-NITRO-O-TOLUIDINE			5 U	5 U											5 U

LOCATION	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C17	03C17	03C17
NSAMPLE	AC151A01-F	AC151A01-F-D	AC152A01	AC152A01-D	AC152A01-F	AC152A01-F-D	AC153A01	AC153A01-D	AC153A01-F	AC153A01-F-D	AC154A01	AC154A01-F	AC171A01	AC171A01-F	AC172A01
SAMPLE	AC151A01F	FD03260101F	AC152A01	FD06190101	AC152A01F	FD06190101F	AC153A01	FD09060101	AC153A01F	FD09060101F	AC154A01	AC154A01F	AC171A01	AC171A01F	AC172A01
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/26/2001	3/26/2001	6/19/2001	6/19/2001	6/19/2001	6/19/2001	9/6/2001	9/6/2001	9/6/2001	9/6/2001	11/27/2001	11/27/2001	4/2/2001	4/2/2001	7/3/2001
7,12-DIMETHYLBENZ(A)ANTHRACENE			5 U	5 U											5 U
A,A-DIMETHYLPHENETHYLAMINE			11 U	11 U											10 U
ACENAPHTHENE			0.10999 U	0.10999 U											0.1 U
ACENAPHTHYLENE			0.10999 U	0.10999 U											0.1 U
ACETOPHENONE			5 U	5 U											5 U
ANILINE			5 U	5 U											5 U
ANTHRACENE			0.10999 U	0.10999 U											0.1 U
ARAMITE			5 U	5 U											5 U
BENZO(A)ANTHRACENE			0.10999 U	0.10999 U											0.1 U
BENZO(A)PYRENE			0.10999 U	0.10999 U											0.1 U
BENZO(B)FLUORANTHENE			0.10999 U	0.10999 U											0.1 U
BENZO(G,H,I)PERYLENE			0.10999 U	0.10999 U											0.1 U
BENZO(K)FLUORANTHENE			0.10999 U	0.10999 U											0.1 U
BENZYL ALCOHOL			5 U	5 U											5 U
BIS(2-CHLOROETHOXY)METHANE			5 U	5 U											5 U
BIS(2-CHLOROETHYL)ETHER			1 U	1 U											1 U
BIS(2-ETHYLHEXYL)PHTHALATE			2 U	2 U											2 U
BUTYL BENZYL PHTHALATE			2 U	2 U											2 U
CHLOROBENZILATE			5 U	5 U											5 U
CHRYSENE			0.10999 U	0.10999 U											0.1 U
DI-N-BUTYL PHTHALATE			2 U	2 U											2 U
DI-N-OCTYL PHTHALATE			2 U	2 U											2 U
DIALLATE			5 U	5 U											5 U
DIBENZO(A,H)ANTHRACENE			0.10999 U	0.10999 U											0.1 U
DIBENZOFURAN			1 U	1 U											1 U
DIETHYL PHTHALATE			2 U	2 U											2 U
DIMETHOATE			5 U	5 U											5 U
DIMETHYL PHTHALATE			2 U	2 U											2 U
DIPHENYLAMINE			5 U	5 U											5 U
DISULFOTON			5 U	5 U											5 U
ETHYL METHANE SULFONATE			5 U	5 U											5 U
ETHYL PARATHION			5 U	5 U											5 U
FAMPHUR			11 U	11 U											10 U
FLUORANTHENE			0.10999 U	0.10999 U											0.1 U
FLUORENE			0.10999 U	0.10999 U											0.1 U
HEXACHLOROBENZENE			2 U	2 U											2 U
HEXACHLOROBUTADIENE			1 U	1 U											1 U
HEXACHLOROCYCLOPENTADIENE			2 U	2 U											2 U
HEXACHLOROETHANE			2 U	2 U											2 U
HEXACHLOROPROPENE			5 U	5 U											5 U
INDENO(1,2,3-CD)PYRENE			0.10999 U	0.10999 U											0.1 U
ISODRIN			5 U	5 U											5 U
ISOPHORONE			1 U	1 U											1 U
ISOSAFROLE			5 U	5 U											5 U
KEPONE			5 U	5 U											5 U
METHAPYRILENE			5 U	5 U											5 U
METHYL METHANE SULFONATE			5 U	5 U											5 U
METHYL PARATHION			5 U	5 U											5 U
N-NITROSO-DI-N-BUTYLAMINE			5 U	5 U											5 U
N-NITROSO-DI-N-PROPYLAMINE			2 U	2 U											2 U
N-NITROSODIETHYLAMINE			5 U	5 U											5 U

LOCATION	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C17	03C17	03C17
NSAMPLE	AC151A01-F	AC151A01-F-D	AC152A01	AC152A01-D	AC152A01-F	AC152A01-F-D	AC153A01	AC153A01-D	AC153A01-F	AC153A01-F-D	AC154A01	AC154A01-F	AC171A01	AC171A01-F	AC172A01
SAMPLE	AC151A01F	FD03260101F	AC152A01	FD06190101	AC152A01F	FD06190101F	AC153A01	FD09060101	AC153A01F	FD09060101F	AC154A01	AC154A01F	AC171A01	AC171A01F	AC172A01
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/26/2001	3/26/2001	6/19/2001	6/19/2001	6/19/2001	6/19/2001	9/6/2001	9/6/2001	9/6/2001	9/6/2001	11/27/2001	11/27/2001	4/2/2001	4/2/2001	7/3/2001
N-NITROSODIMETHYLAMINE			5 U	5 U											5 U
N-NITROSOMETHYLETHYLAMINE			5 U	5 U											5 U
N-NITROSOMORPHOLINE			5 U	5 U											5 U
N-NITROSOPIPERIDINE			5 U	5 U											5 U
N-NITROSOPYRROLIDINE			5 U	5 U											5 U
NAPHTHALENE			0.10999 U	0.10999 U											0.1 U
O,O,O-TRIETHYL PHOSPHOROTHIOAT			5 U	5 U											5 U
O-TOLUIDINE			5 U	5 U											5 U
P-(DIMETHYLAMINO)AZOBENZENE			5 U	5 U											5 U
PENTACHLOROBENZENE			5 U	5 U											5 U
PENTACHLOROETHANE			5 U	5 U											5 U
PENTACHLORONITROBENZENE			5 U	5 U											5 U
PENTACHLOROPHENOL			5 U	5 U											5 U
PHENACETIN			5 U	5 U											5 U
PHENANTHRENE			0.10999 U	0.10999 U											0.1 U
PHENOL			5 U	5 U											5 U
PHORATE			5 U	5 U											5 U
PRONAMIDE			5 U	5 U											5 U
PYRENE			0.10999 U	0.10999 U											0.1 U
PYRIDINE			5 U	5 U											5 U
SAFROLE			5 U	5 U											5 U
SULFOTEPP			5 U	5 U											5 U
THIONAZIN			5 U	5 U											5 U
Pesticides/PCBs (ug/L)															
4,4'-DDD			0.02099 U	0.02099 U											0.01999 U
4,4'-DDE			0.02099 U	0.02099 U											0.01999 U
4,4'-DDT			0.02099 U	0.02099 U											0.01999 U
ALDRIN			0.00999 U	0.01099 U											0.00989 U
ALPHA-BHC			0.00999 U	0.01099 U											0.00989 U
ALPHA-CHLORDANE			0.00999 U	0.01099 U											0.00989 U
AROCLOR-1016			0.20999 U	0.20999 U											0.2 U
AROCLOR-1221			0.41999 U	0.43 U											0.4 U
AROCLOR-1232			0.20999 U	0.20999 U											0.2 U
AROCLOR-1242			0.20999 U	0.20999 U											0.2 U
AROCLOR-1248			0.20999 U	0.20999 U											0.2 U
AROCLOR-1254			0.20999 U	0.20999 U											0.2 U
AROCLOR-1260			0.20999 U	0.20999 U											0.2 U
BETA-BHC			0.00999 U	0.01099 U											0.00989 U
DELTA-BHC			0.00999 U	0.01099 U											0.00989 U
DIELDRIN			0.02099 U	0.02099 U											0.01999 U
ENDOSULFAN I			0.00999 U	0.01099 U											0.00989 U
ENDOSULFAN II			0.02099 U	0.02099 U											0.01999 U
ENDOSULFAN SULFATE			0.02099 U	0.02099 U											0.01999 U
ENDRIN			0.02099 U	0.02099 U											0.01999 U
ENDRIN ALDEHYDE			0.02099 U	0.02099 U											0.01999 U
ENDRIN KETONE			0.02099 U	0.02099 U											0.01999 U
GAMMA-BHC (LINDANE)			0.00999 U	0.01099 U											0.00989 U
GAMMA-CHLORDANE			0.00999 U	0.01099 U											0.00989 U
HEPTACHLOR			0.00999 U	0.01099 U											0.00989 U
HEPTACHLOR EPOXIDE			0.00999 U	0.01099 U											0.00989 U
METHOXYCHLOR			0.1 U	0.10999 U											0.09899 U

LOCATION	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C17	03C17	03C17
NSAMPLE	AC151A01-F	AC151A01-F-D	AC152A01	AC152A01-D	AC152A01-F	AC152A01-F-D	AC153A01	AC153A01-D	AC153A01-F	AC153A01-F-D	AC154A01	AC154A01-F	AC171A01	AC171A01-F	AC172A01
SAMPLE	AC151A01F	FD03260101F	AC152A01	FD06190101	AC152A01F	FD06190101F	AC153A01	FD09060101	AC153A01F	FD09060101F	AC154A01	AC154A01F	AC171A01	AC171A01F	AC172A01
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/26/2001	3/26/2001	6/19/2001	6/19/2001	6/19/2001	6/19/2001	9/6/2001	9/6/2001	9/6/2001	9/6/2001	11/27/2001	11/27/2001	4/2/2001	4/2/2001	7/3/2001
TOXAPHENE			1 U	1.1 U											0.99 U
Explosives (ug/L)															
1,3,5-TRINITROBENZENE			0.49 U	0.82999 U			0.43999 U	1.1 U			0.52999 U		1.2 U		0.36 U
1,3-DINITROBENZENE			0.49 U	0.82999 U			0.43999 U	1.1 U			0.52999 U		1.2 U		0.36 U
2,4,6-TRINITROTOLUENE			0.49 U	0.82999 U			0.43999 U	1.1 U			0.52999 U		1.2 U		0.36 U
2,4-DINITROTOLUENE			0.49 U	0.82999 U			0.43999 U	1.1 U			0.52999 U		1.2 U		0.36 U
2,6-DINITROTOLUENE			0.49 U	0.82999 U			0.43999 U	1.1 U			0.52999 U		1.2 U		0.36 U
2-AMINO-4,6-DINITROTOLUENE			0.49 U	0.82999 U			0.43999 U	1.1 U			0.52999 U		1.2 U		0.36 U
2-NITROTOLUENE			0.49 U	0.82999 U			0.43999 U	1.1 U			0.52999 U		1.2 U		0.36 U
3-NITROTOLUENE			0.49 U	0.82999 U			0.43999 U	1.1 U			0.52999 U		1.2 U		0.36 U
4-AMINO-2,6-DINITROTOLUENE			0.49 U	0.82999 U			0.43999 U	1.1 U			0.52999 U		1.2 U		0.36 U
4-NITROTOLUENE			0.49 U	0.82999 U			0.43999 U	1.1 U			0.52999 U		1.2 U		0.36 U
HMX			0.49 U	0.82999 U			0.43999 U	1.1 U			0.52999 U		1.2 U		0.36 U
NITROBENZENE			0.49 U	0.82999 U			0.43999 U	1.1 U			0.52999 U		1.2 U		0.36 U
NITROCELLULOSE			1800	1000 U			1000 U	1000 U			1000 U		1000 U		1000 U
NITROGLYCERIN			4.9 U	8.3 U			4.4 U	11 U			5.3 U		12 U		3.6 U
PETN			2.4 U	4.1 U			2.2 U	5.2 U			2.6 U		5.8 U		1.8 U
RDX			0.46 U	0.77999 U			0.40999 U	0.99 U			0.5 U		1.2 U		0.34 U
TETRYL			0.49 U	0.82999 U			0.43999 U	1.1 U			0.52999 U		1.2 U		0.36 U
Herbicides (ug/L)															
2,4,5-T			0.07999 U	0.07999 U											0.07999 U
2,4,5-TP (SILVEX)			0.07999 U	0.07999 U											0.07999 U
2,4-D			0.07999 U	0.07999 U											0.07999 U
DINOSEB			0.07999 U	0.07999 U											0.07999 U
Dioxins/Furans (pg/L)															
1,2,3,4,6,7,8,9-OCDD			4.5 U	4.9 U											24.1 U
1,2,3,4,6,7,8,9-OCDF			3.6 U	3.9 U											20.1 U
1,2,3,4,6,7,8-HPCDD			2.5 U	3 U											12.8 U
1,2,3,4,6,7,8-HPCDF			1.3 U	1.7 U											6.2 U
1,2,3,4,7,8,9-HPCDF			1.9 U	2.4 U											7.4 U
1,2,3,6,7,8-HXCDD			1.9 U	1.9 U											7.1 U
1,2,3,6,7,8-HXCDF			0.9 U	1 U											4.1 U
1,2,3,7,8,9-HXCDD			1.9 U	2 U											7.2 U
1,2,3,7,8,9-HXCDF			1.2 U	1.4 U											5.3 U
1,2,3,7,8-PECDD			2 U	2.4 U											6.9 U
1,2,3,7,8-PECDF			1.4 U	2 U											5 U
2,3,4,6,7,8-HXCDF			1 U	1.2 U											4.1 U
2,3,4,7,8-PECDF			1.4 U	2 U											4.7 U
2,3,7,8-TCDD			1.1 U	1.7 U											5.5 U
2,3,7,8-TCDF			1.5 U	1.9 U											3.9 U
TOTAL HPCDD			2.5 U	3 U											12.8 U
TOTAL HPCDF			1.6 U	2 U											6.7 U
TOTAL HXCDD			1.9 U	3.9 U											7.2 U
TOTAL HXCDF			1 U	1.2 U											4.4 U
TOTAL PECDD			2 U	2.4 U											6.9 U
TOTAL PECDF			1.4 U	2 U											4.9 U
TOTAL TCDD			8.3 U	1.7 U											5.5 U
TOTAL TCDF			8.3 U	1.9 U											3.9 U
Total Inorganics (ug/L)															
ANTIMONY							1 U	1 U			0.3 B		1.1 U		1 U
ARSENIC							1 U	1 U			0.69999 B		2.3		2.1

LOCATION	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C17	03C17	03C17
NSAMPLE	AC151A01-F	AC151A01-F-D	AC152A01	AC152A01-D	AC152A01-F	AC152A01-F-D	AC153A01	AC153A01-D	AC153A01-F	AC153A01-F-D	AC154A01	AC154A01-F	AC171A01	AC171A01-F	AC172A01
SAMPLE	AC151A01F	FD03260101F	AC152A01	FD06190101	AC152A01F	FD06190101F	AC153A01	FD09060101	AC153A01F	FD09060101F	AC154A01	AC154A01F	AC171A01	AC171A01F	AC172A01
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/26/2001	3/26/2001	6/19/2001	6/19/2001	6/19/2001	6/19/2001	9/6/2001	9/6/2001	9/6/2001	9/6/2001	11/27/2001	11/27/2001	4/2/2001	4/2/2001	7/3/2001
BARIUM							25.6	25.8			27.4		13.8		13
BERYLLIUM							1 U	1 U			0.10999 U		1.1 U		1 U
CADMIUM							1 U	1 U			0.77999 U		1.1 U		1 U
CHROMIUM							5 U	5 U			0.75 B		5.6 U		5 U
COBALT							3 U	3 U			0.10999 U		3.3 U		3 U
COPPER							2 U	2 U			10.4		2.2		2 U
LEAD							1 U	1 U			0.10999 U		1.1 U		1 U
MANGANESE															
MERCURY							0.2 U	0.2 U			0.01999 U		0.1 U		0.2 U
NICKEL							10 U	10 U			2.4 B		34.9		10 U
SELENIUM							2	1.6			1.6		1.8		2
SILVER							3 U	3 U			1.3 B		3.3 U		3 U
THALLIUM							1 U	1 U			0.10999 U		1.1 U		1 U
TIN							10 U	10 U			0.8 B		11.1 U		10 U
VANADIUM							2 U	2 U			0.10999 U		2.2 U		2 U
ZINC							10 U	10 U			1.8 B		40.1		10 U
Dissolved Inorganics (ug/L)															
ANTIMONY	1 U	1 U							1 U	1 U		0.1 U		1 U	
ARSENIC	1 U	1 U							1 U	1 U		0.64999		2	
BARIUM	25.4	25							25.6	25.4		29.3		11.1	
BERYLLIUM	1 U	1 U							1 U	1 U		0.1 U		1 U	
CADMIUM	1 U	1 U							1 U	1 U		0.69999 U		1 U	
CALCIUM	74500	75300							96900	95000		103000		148000	
CHROMIUM	5 U	5 U							7.1	8.2		7.8		6.3	
COBALT	3 U	3 U							3 U	3 U		0.1 U		3 U	
COPPER	2 U	2 U							2 U	2 U		0.10999 B		2 U	
LEAD	1 U	1 U							1 U	1 U		0.1 U		1 U	
MAGNESIUM	34200	34300							40500	40700		42400		146000	
MANGANESE															
MERCURY	0.1 U	0.1 U							0.2 U	0.2 U		0.01999 U		0.1 U	
NICKEL	10 U	10 U							10 U	10 U		1.9 B		10 U	
POTASSIUM	1530	1550							2220	2300		2060		2410	
SELENIUM	1 U	1 U							1 U	1 U		0.54		1.4	
SILVER	3 U	3 U							3 U	3 U		0.25 B		3 U	
SODIUM	17500	17600							16900	17200		23700		93200	
THALLIUM	1 U	1 U							1 U	1 U		0.1 U		1 U	
TIN	10 U	10 U							10 U	10 U		1.6 B		10 U	
VANADIUM	2 U	2 U							2 U	2 U		0.1 U		2 U	
ZINC	10 U	10 U							10 U	10 U		0.77999 B		10 U	
Miscellaneous Parameters (mg/L)															
CHLORIDE			6	5			6	6			6		3		3
CYANIDE			0.00999 U	0.00999 U			0.00999 U	0.00999 U			0.00999 U		0.00999 U		0.01 U
PHOSPHORUS (ELEMENTAL)			0.1 U	0.1 U			0.1 U	0.1 U			0.1 U		0.02999		0.1 U
SULFATE			160	150			140	140			150		75		1000
SULFIDE			1 U	1 U											1 U
TOTAL ORGANIC CARBON			1 U	1 U			1 U	1 U			1 U		1 U		1 U
TOTAL ORGANIC HALIDES			0.05 U	0.05 U			0.05 U	0.05 U			0.05 U		0.05 U		0.05 U
Dissolved Miscellaneous Parameters (mg/L)															
PHOSPHORUS (ELEMENTAL)	0.17	0.03999 J			0.1 U	0.1 U			0.1 U	0.1 U		0.1 U		0.1	

LOCATION	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C20	03C20
NSAMPLE	AC172A01-F	AC173A01	AC173A01-D	AC173A01-F	AC173A01-F-D	AC174A01	AC174A01-D	AC174A01-F	AC174A01-F-D	AC201A01	AC201A01-F	AC202A01	AC202A01-F	AC203A01	AC203A01-F
SAMPLE	AC172A01F	AC173A01	FD09170101	AC173A01F	FD09170101F	AC174A01	FD12130101	AC174A01F	FD12130101F	AC201A01	AC201A01F	AC202A01	AC202A01F	AC203A01	AC203A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	7/3/2001	9/17/2001	9/17/2001	9/17/2001	9/17/2001	12/13/2001	12/13/2001	12/13/2001	12/13/2001	3/21/2001	3/21/2001	6/28/2001	6/28/2001	9/5/2001	9/5/2001
Volatile Organics (ug/L)															
1,1,1,2-TETRACHLOROETHANE												0.5 U			
1,1,1-TRICHLOROETHANE												0.5 U			
1,1,2,2-TETRACHLOROETHANE												0.5 U			
1,1,2-TRICHLOROETHANE												0.3 J			
1,1-DICHLOROETHANE												0.5 U			
1,1-DICHLOROETHENE		0.5 U	0.5 U			0.5 U	0.5 U			0.5 U		0.5 U		0.5 U	
1,1-DICHLOROPROPENE												0.5 U			
1,2,3-TRICHLOROBENZENE												0.5 U			
1,2,3-TRICHLOROPROPANE												1 U			
1,2-DIBROMO-3-CHLOROPROPANE												1 U			
1,2-DIBROMOETHANE												0.5 U			
1,2-DICHLOROETHANE												0.69999			
1,2-DICHLOROPROPANE												0.5 U			
1,3-DICHLOROPROPANE												0.5 U			
1,4-DIOXANE												100 U			
2,2-DICHLOROPROPANE												0.5 U			
2-BUTANONE												10 U			
2-HEXANONE												10 U			
3-CHLOROPROPENE												10 U			
4-METHYL-2-PENTANONE												10 U			
ACETONE												10 U			
ACETONITRILE												40 U			
ACROLEIN												10 U			
ACRYLONITRILE												3 U			
BENZENE												0.5 U			
BROMOCHLOROMETHANE												0.5 U			
BROMODICHLOROMETHANE												0.5 U			
BROMOFORM												0.5 U			
BROMOMETHANE												1 U			
CARBON DISULFIDE												0.5 U			
CARBON TETRACHLORIDE												0.3 U			
CHLOROBENZENE												0.5 U			
CHLORODIBROMOMETHANE												0.5 U			
CHLOROETHANE												0.5 U			
CHLOROFORM												0.6			
CHLOROMETHANE												0.5 U			
CHLOROPRENE												3 U			
CIS-1,2-DICHLOROETHENE		0.5 U	0.5 U			0.5 U	0.5 U			91		68		94	
CIS-1,3-DICHLOROPROPENE												0.3 U			
DIBROMOMETHANE												0.5 U			
DICHLORODIFLUOROMETHANE												0.5 U			
ETHYL METHACRYLATE												1 U			
ETHYLBENZENE												0.5 U			
ISOBUTANOL												40 U			
METHACRYLONITRILE												1 U			
METHYL IODIDE												0.5 U			
METHYL METHACRYLATE												2 U			
METHYLENE CHLORIDE												3 U			
PROPIONITRILE												40 U			
STYRENE												0.5 U			

LOCATION	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C20	03C20
NSAMPLE	AC172A01-F	AC173A01	AC173A01-D	AC173A01-F	AC173A01-F-D	AC174A01	AC174A01-D	AC174A01-F	AC174A01-F-D	AC201A01	AC201A01-F	AC202A01	AC202A01-F	AC203A01	AC203A01-F
SAMPLE	AC172A01F	AC173A01	FD09170101	AC173A01F	FD09170101F	AC174A01	FD12130101	AC174A01F	FD12130101F	AC201A01	AC201A01F	AC202A01	AC202A01F	AC203A01	AC203A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	7/3/2001	9/17/2001	9/17/2001	9/17/2001	9/17/2001	12/13/2001	12/13/2001	12/13/2001	12/13/2001	3/21/2001	3/21/2001	6/28/2001	6/28/2001	9/5/2001	9/5/2001
TETRACHLOROETHENE												1			
TOLUENE												0.5 U			
TOTAL XYLENES												1 U			
TRANS-1,2-DICHLOROETHENE		0.5 U	0.5 U			0.5 U	0.5 U			5.8		6.8		7.9	
TRANS-1,3-DICHLOROPROPENE												0.5 U			
TRANS-1,4-DICHLORO-2-BUTENE												10 U			
TRICHLOROETHENE		0.5 U	0.5 U			0.5 U	0.5 U			3200		2400		3500	
TRICHLOROFLUOROMETHANE												0.5 U			
VINYL ACETATE												0.5 U			
VINYL CHLORIDE		0.5 U	0.5 U			0.5 U	0.5 U			0.5 U		0.5 U		0.5 U	
Semivolatile Organics (ug/L)															
1,2,4,5-TETRACHLOROBENZENE												5 U			
1,2,4-TRICHLOROBENZENE												2 U			
1,2-DICHLOROBENZENE												2 U			
1,3-DICHLOROBENZENE												2 U			
1,4-DICHLOROBENZENE												2 U			
1,4-NAPHTHOQUINONE												5 U			
1,4-PHENYLENEDIAMINE												5 U			
1-NAPHTHYLAMINE												5 U			
2,2'-OXYBIS(1-CHLOROPROPANE)												3 U			
2,3,4,6-TETRACHLOROPHENOL												5 U			
2,4,5-TRICHLOROPHENOL												5 U			
2,4,6-TRICHLOROPHENOL												3 U			
2,4-DICHLOROPHENOL												3 U			
2,4-DIMETHYLPHENOL												5 U			
2,4-DINITROPHENOL												10 U			
2,6-DICHLOROPHENOL												5 U			
2-ACETYLAMINOFLUORENE												5 U			
2-CHLORONAPHTHALENE												2 U			
2-CHLOROPHENOL												3 U			
2-METHYLNAPHTHALENE												0.1 U			
2-METHYLPHENOL												2 U			
2-NAPHTHYLAMINE												5 U			
2-NITROANILINE												2 U			
2-NITROPHENOL												5 U			
2-PICOLINE												5 U			
3&4-METHYLPHENOL												4 U			
3,3'-DICHLOROBENZIDINE												5 U			
3,3'-DIMETHYLBENZIDINE												5 U			
3-METHYLCHOLANTHRENE												5 U			
3-NITROANILINE												2 U			
4,6-DINITRO-2-METHYLPHENOL												5 U			
4-AMINOBIPHENYL												5 U			
4-BROMOPHENYL PHENYL ETHER												2 U			
4-CHLORO-3-METHYLPHENOL												2 U			
4-CHLOROANILINE												2 U			
4-CHLOROPHENYL PHENYL ETHER												1 U			
4-NITROANILINE												2 U			
4-NITROPHENOL												5 U			
4-NITROQUINOLINE-1-OXIDE												5 U			
5-NITRO-O-TOLUIDINE												5 U			

LOCATION	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C20	03C20
NSAMPLE	AC172A01-F	AC173A01	AC173A01-D	AC173A01-F	AC173A01-F-D	AC174A01	AC174A01-D	AC174A01-F	AC174A01-F-D	AC201A01	AC201A01-F	AC202A01	AC202A01-F	AC203A01	AC203A01-F
SAMPLE	AC172A01F	AC173A01	FD09170101	AC173A01F	FD09170101F	AC174A01	FD12130101	AC174A01F	FD12130101F	AC201A01	AC201A01F	AC202A01	AC202A01F	AC203A01	AC203A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	7/3/2001	9/17/2001	9/17/2001	9/17/2001	9/17/2001	12/13/2001	12/13/2001	12/13/2001	12/13/2001	3/21/2001	3/21/2001	6/28/2001	6/28/2001	9/5/2001	9/5/2001
7,12-DIMETHYLBENZ(A)ANTHRACENE												5 U			
A,A-DIMETHYLPHENETHYLAMINE												10 U			
ACENAPHTHENE												0.1 U			
ACENAPHTHYLENE												0.1 U			
ACETOPHENONE												5 U			
ANILINE												5 U			
ANTHRACENE												0.1 U			
ARAMITE												5 U			
BENZO(A)ANTHRACENE												0.1 U			
BENZO(A)PYRENE												0.1 U			
BENZO(B)FLUORANTHENE												0.1 U			
BENZO(G,H,I)PERYLENE												0.1 U			
BENZO(K)FLUORANTHENE												0.1 U			
BENZYL ALCOHOL												5 U			
BIS(2-CHLOROETHOXY)METHANE												5 U			
BIS(2-CHLOROETHYL)ETHER												1 U			
BIS(2-ETHYLHEXYL)PHTHALATE												2 U			
BUTYL BENZYL PHTHALATE												2 U			
CHLOROBENZILATE												5 U			
CHRYSENE												0.1 U			
DI-N-BUTYL PHTHALATE												2 U			
DI-N-OCTYL PHTHALATE												2 U			
DIALLATE												5 U			
DIBENZO(A,H)ANTHRACENE												0.1 U			
DIBENZOFURAN												1 U			
DIETHYL PHTHALATE												2 U			
DIMETHOATE												5 U			
DIMETHYL PHTHALATE												2 U			
DIPHENYLAMINE												5 U			
DISULFOTON												5 U			
ETHYL METHANE SULFONATE												5 U			
ETHYL PARATHION												5 U			
FAMPHUR												10 U			
FLUORANTHENE												0.1 U			
FLUORENE												0.1 U			
HEXACHLOROBENZENE												2 U			
HEXACHLOROBUTADIENE												1 U			
HEXACHLOROCYCLOPENTADIENE												2 U			
HEXACHLOROETHANE												2 U			
HEXACHLOROPROPENE												5 U			
INDENO(1,2,3-CD)PYRENE												0.1 U			
ISODRIN												5 U			
ISOPHORONE												1 U			
ISOSAFROLE												5 U			
KEPONE												5 U			
METHAPYRILENE												5 U			
METHYL METHANE SULFONATE												5 U			
METHYL PARATHION												5 U			
N-NITROSO-DI-N-BUTYLAMINE												5 U			
N-NITROSO-DI-N-PROPYLAMINE												2 U			
N-NITROSODIETHYLAMINE												5 U			

LOCATION	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C20	03C20
NSAMPLE	AC172A01-F	AC173A01	AC173A01-D	AC173A01-F	AC173A01-F-D	AC174A01	AC174A01-D	AC174A01-F	AC174A01-F-D	AC201A01	AC201A01-F	AC202A01	AC202A01-F	AC203A01	AC203A01-F
SAMPLE	AC172A01F	AC173A01	FD09170101	AC173A01F	FD09170101F	AC174A01	FD12130101	AC174A01F	FD12130101F	AC201A01	AC201A01F	AC202A01	AC202A01F	AC203A01	AC203A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	7/3/2001	9/17/2001	9/17/2001	9/17/2001	9/17/2001	12/13/2001	12/13/2001	12/13/2001	12/13/2001	3/21/2001	3/21/2001	6/28/2001	6/28/2001	9/5/2001	9/5/2001
N-NITROSODIMETHYLAMINE												5 U			
N-NITROSOMETHYLETHYLAMINE												5 U			
N-NITROSOMORPHOLINE												5 U			
N-NITROSOPIPERIDINE												5 U			
N-NITROSOPYRROLIDINE												5 U			
NAPHTHALENE												0.1 U			
O,O,O-TRIETHYL PHOSPHOROTHIOAT												5 U			
O-TOLUIDINE												5 U			
P-(DIMETHYLAMINO)AZOBENZENE												5 U			
PENTACHLOROBENZENE												5 U			
PENTACHLOROETHANE												5 U			
PENTACHLORONITROBENZENE												5 U			
PENTACHLOROPHENOL												5 U			
PHENACETIN												5 U			
PHENANTHRENE												0.1 U			
PHENOL												5 U			
PHORATE												5 U			
PRONAMIDE												5 U			
PYRENE												0.1 U			
PYRIDINE												5 U			
SAFROLE												5 U			
SULFOTEPP												5 U			
THIONAZIN												5 U			
Pesticides/PCBs (ug/L)															
4,4'-DDD												0.01999 U			
4,4'-DDE												0.01999 U			
4,4'-DDT												0.01999 U			
ALDRIN												0.00999 U			
ALPHA-BHC												0.00999 U			
ALPHA-CHLORDANE												0.00999 U			
AROCLOR-1016												0.2 U			
AROCLOR-1221												0.4 U			
AROCLOR-1232												0.2 U			
AROCLOR-1242												0.2 U			
AROCLOR-1248												0.2 U			
AROCLOR-1254												0.2 U			
AROCLOR-1260												0.2 U			
BETA-BHC												0.00999 U			
DELTA-BHC												0.00999 U			
DIELDRIN												0.01999 U			
ENDOSULFAN I												0.00999 U			
ENDOSULFAN II												0.01999 U			
ENDOSULFAN SULFATE												0.01999 U			
ENDRIN												0.01999 U			
ENDRIN ALDEHYDE												0.01999 U			
ENDRIN KETONE												0.01999 U			
GAMMA-BHC (LINDANE)												0.00999 U			
GAMMA-CHLORDANE												0.00999 U			
HEPTACHLOR												0.00999 U			
HEPTACHLOR EPOXIDE												0.00999 U			
METHOXYCHLOR												0.1 U			

LOCATION	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C20	03C20
NSAMPLE	AC172A01-F	AC173A01	AC173A01-D	AC173A01-F	AC173A01-F-D	AC174A01	AC174A01-D	AC174A01-F	AC174A01-F-D	AC201A01	AC201A01-F	AC202A01	AC202A01-F	AC203A01	AC203A01-F
SAMPLE	AC172A01F	AC173A01	FD09170101	AC173A01F	FD09170101F	AC174A01	FD12130101	AC174A01F	FD12130101F	AC201A01	AC201A01F	AC202A01	AC202A01F	AC203A01	AC203A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	7/3/2001	9/17/2001	9/17/2001	9/17/2001	9/17/2001	12/13/2001	12/13/2001	12/13/2001	12/13/2001	3/21/2001	3/21/2001	6/28/2001	6/28/2001	9/5/2001	9/5/2001
TOXAPHENE												1 U			
Explosives (ug/L)															
1,3,5-TRINITROBENZENE		1.8 U	1.1 U			1 U	1.5 U			7.2		6.8		5.9	
1,3-DINITROBENZENE		1.8 U	1.1 U			1 U	1.5 U			1.2 U		0.50999 U		0.70999 U	
2,4,6-TRINITROTOLUENE		1.8 U	1.1 U			1 U	1.5 U			1.2 U		0.50999 U		0.70999 U	
2,4-DINITROTOLUENE		1.8 U	1.1 U			1 U	1.5 U			1.2 U		0.50999 U		0.70999 U	
2,6-DINITROTOLUENE		1.8 U	1.1 U			1 U	1.5 U			1.2 U		0.50999 U		0.70999 U	
2-AMINO-4,6-DINITROTOLUENE		1.8 U	1.1 U			1 U	1.5 U			12		12		12	
2-NITROTOLUENE		1.8 U	1.1 U			1 U	1.5 U			1.2 U		0.50999 U		0.70999 U	
3-NITROTOLUENE		1.8 U	1.1 U			1 U	1.5 U			1.2 U		0.50999 U		0.70999 U	
4-AMINO-2,6-DINITROTOLUENE		1.8 U	1.1 U			1 U	1.5 U			16		14		15	
4-NITROTOLUENE		1.8 U	1.1 U			1 U	1.5 U			1.2 U		0.50999 U		0.70999 U	
HMX		1.8 U	1.1 U			1 U	1.5 U			27		30		30	
NITROBENZENE		1.8 U	1.1 U			1 U	1.5 U			1.2 U		0.50999 U		0.70999 U	
NITROCELLULOSE		1000 U	1000 U			1000 U	1000 U			1000 U		1000 U		1000 U	
NITROGLYCERIN		18 U	11 U			10 U	15 U			12 U		5.1 U		7.2 U	
PETN		9 U	5.2 U			4.9 U	7.4 U			6.1 U		2.5 U		3.5 U	
RDX		1.7 U	0.99 U			0.93999 U	1.4 U			170		180		170	
TETRYL		1.8 U	1.1 U			1 U	1.5 U			1.2 U		0.50999 U		0.70999 U	
Herbicides (ug/L)															
2,4,5-T												0.07999 U			
2,4,5-TP (SILVEX)												0.07999 U			
2,4-D												0.07999 U			
DINOSEB												0.07999 U			
Dioxins/Furans (pg/L)															
1,2,3,4,6,7,8,9-OCDD												6.9 U			
1,2,3,4,6,7,8,9-OCDF												5.1 U			
1,2,3,4,6,7,8-HPCDD												3.7 U			
1,2,3,4,6,7,8-HPCDF												3.4 U			
1,2,3,4,7,8,9-HPCDF												4.4 U			
1,2,3,6,7,8-HXCDD												2.2 U			
1,2,3,6,7,8-HXCDF												2.3 U			
1,2,3,7,8,9-HXCDD												2.3 U			
1,2,3,7,8,9-HXCDF												2.9 U			
1,2,3,7,8-PECDD												1.8 U			
1,2,3,7,8-PECDF												1.6 U			
2,3,4,6,7,8-HXCDF												2.3 U			
2,3,4,7,8-PECDF												1.5 U			
2,3,7,8-TCDD												1.9 U			
2,3,7,8-TCDF												1.4 U			
TOTAL HPCDD												3.7 U			
TOTAL HPCDF												3.8 U			
TOTAL HXCDD												2.3 U			
TOTAL HXCDF												2.5 U			
TOTAL PECDD												1.8 U			
TOTAL PECDF												1.5 U			
TOTAL TCDD												1.9 U			
TOTAL TCDF												1.4 U			
Total Inorganics (ug/L)															
ANTIMONY		1 U	1 U			1 U	1 U			1.1 U		1 U		1 U	
ARSENIC		2	2			2.3	2.3			1.1 U		1 U		1 U	

LOCATION	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C20	03C20
NSAMPLE	AC172A01-F	AC173A01	AC173A01-D	AC173A01-F	AC173A01-F-D	AC174A01	AC174A01-D	AC174A01-F	AC174A01-F-D	AC201A01	AC201A01-F	AC202A01	AC202A01-F	AC203A01	AC203A01-F
SAMPLE	AC172A01F	AC173A01	FD09170101	AC173A01F	FD09170101F	AC174A01	FD12130101	AC174A01F	FD12130101F	AC201A01	AC201A01F	AC202A01	AC202A01F	AC203A01	AC203A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	7/3/2001	9/17/2001	9/17/2001	9/17/2001	9/17/2001	12/13/2001	12/13/2001	12/13/2001	12/13/2001	3/21/2001	3/21/2001	6/28/2001	6/28/2001	9/5/2001	9/5/2001
BARIUM		11.8	11.7			14.7	14.6			32.1		31.4		30.4	
BERYLLIUM		1 U	1 U			1 U	1 U			1.1 U		1 U		1 U	
CADMIUM		1 U	1 U			1 U	1 U			1.1 U		1 U		1 U	
CHROMIUM		5 U	5 U			5 U	5 U			5.6 U		5 U		5 U	
COBALT		3 U	3 U			3 U	3 U			3.3 U		3 U		3 U	
COPPER		2 U	2 U			2 U	2 U			2.2 U		2 U		2 U	
LEAD		1 U	1 U			1 U	1 U			1.1 U		1 U		1 U	
MANGANESE															
MERCURY		0.2 U	0.2 U			0.2 U	0.2 U			0.1 U		0.2 U		0.2 U	
NICKEL		10 U	10 U			10 U	10 U			11.1 U		10 U		10 U	
SELENIUM		2.1	2			2	2.1			1.5		1.1		1.4	
SILVER		3 U	3 U			3 U	3 U			3.3 U		3 U		3 U	
THALLIUM		1 U	1 U			1 U	1 U			1.1 U		1 U		1 U	
TIN		10 U	10 U			10 U	10 U			11.1 U		10 U		10 U	
VANADIUM		2 U	2 U			2 U	2 U			2.2 U		2 U		2 U	
ZINC		39.1	10 U			10 U	10 U			77.7		10 U		10 U	
Dissolved Inorganics (ug/L)															
ANTIMONY	1 U			1 U	1 U			1 U	1 U		1 U		1 U		1 U
ARSENIC	1 U			2	2.2			2.2	2		1 U		1 U		1 U
BARIUM	17.5			10.4	10.7			11.6	11.8		31.3		31.3		30.8
BERYLLIUM	1 U			1 U	1 U			1 U	1 U		1 U		1 U		1 U
CADMIUM	1 U			1 U	1 U			1 U	1 U		1 U		1 U		1 U
CALCIUM	171000			191000	189000			196000	196000		71800		82600		89800
CHROMIUM	5 U			13.4	17.3			9.5	6.1		5 U		5 U		7.3
COBALT	3 U			3 U	3 U			3 U	3 U		3 U		3 U		3 U
COPPER	2 U			2 U	2 U			2 U	2 U		2 U		2.3		2 U
LEAD	1 U			1 U	1 U			1 U	1 U		1 U		1 U		1 U
MAGNESIUM	182000			183000	187000			207000	209000		27900		30700		32600
MANGANESE															
MERCURY	0.2 U			0.2 U	0.2 U			0.2 U	0.2 U		0.1 U		0.2 U		0.2 U
NICKEL	10 U			10 U	10 U			10 U	10 U		10 U		10 U		10 U
POTASSIUM	4960			5280	5490			3220	3260		1800		2280		2600
SELENIUM	2.6			1.8	2			1 U	1 U		1 U		1 U		1 U
SILVER	3 U			3 U	3 U			3 U	3 U		3 U		3 U		3 U
SODIUM	118000			116000	120000			129000	129000		10400		10200		10100
THALLIUM	1 U			1 U	1 U			1 U	1 U		1 U		1 U		1 U
TIN	10 U			10 U	10 U			10 U	10 U		10 U		10 U		10 U
VANADIUM	2 U			2 U	2 U			2 U	2 U		2 U		2 U		2 U
ZINC	10 U			10 U	10 U			10 U	10 U		10 U		10 U		10 U
Miscellaneous Parameters (mg/L)															
CHLORIDE		3	3			3	3			7		6		6	
CYANIDE		0.00999 U	0.00999 U			0.00999 U	0.00999 U			0.00999 U		0.01 U		0.00999 U	
PHOSPHORUS (ELEMENTAL)		0.1 U	0.1 U			0.01999 U	0.01999 U			0.02999		0.14		0.1	
SULFATE		1000	1000			970	820			120		130		120	
SULFIDE												1 U			
TOTAL ORGANIC CARBON		1 U	1 U			1 U	1 U			1.4		1 U		1 U	
TOTAL ORGANIC HALIDES		0.05 U	0.05 U			0.05 U	0.05 U			1.9		2.2		2.3	
Dissolved Miscellaneous Parameters (mg/L)															
PHOSPHORUS (ELEMENTAL)	0.1 U			0.1 U	0.1 U			0.01999 U	0.01999 U		0.03999		0.12999		0.1

LOCATION	03C20	03C20	03C25	03C25	03C25	03C25	03C25	03C25	03C25	03C25	03C26	03C26	03C26	03C26	03C26	03C26
NSAMPLE	AC204A01	AC204A01-F	AC251A01	AC251A01-F	AC252A01	AC252A01-F	AC253A01	AC253A01-F	AC254A01	AC254A01-F	AC261A01	AC261A01-F	AC262A01	AC262A01-F	AC263B01	AC263B01-F
SAMPLE	AC204A01	AC204A01F	AC251A01	AC251A01F	AC252A01	AC252A01F	AC253A01	AC253A01F	AC254A01	AC254A01F	AC261A01	AC261A01F	AC262A01	AC262A01F	AC263B01	AC263B01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/3/2001	12/3/2001	3/6/2001	3/6/2001	6/18/2001	6/18/2001	8/30/2001	8/30/2001	11/13/2001	11/13/2001	3/27/2001	3/27/2001	6/26/2001	6/26/2001	9/19/2001	9/19/2001
Volatile Organics (ug/L)																
1,1,1,2-TETRACHLOROETHANE					0.5 U								0.5 U			
1,1,1-TRICHLOROETHANE					0.5 U								0.5 U			
1,1,2,2-TETRACHLOROETHANE					0.5 U								0.5 U			
1,1,2-TRICHLOROETHANE					0.5 U								0.5 U			
1,1-DICHLOROETHANE					0.5 U								0.5 U			
1,1-DICHLOROETHENE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
1,1-DICHLOROPROPENE					0.5 U								0.5 U			
1,2,3-TRICHLOROBENZENE					0.5 U								0.5 U			
1,2,3-TRICHLOROPROPANE					1 U								1 U			
1,2-DIBROMO-3-CHLOROPROPANE					1 U								1 U			
1,2-DIBROMOETHANE					0.5 U								0.5 U			
1,2-DICHLOROETHANE					0.5 U								0.5 U			
1,2-DICHLOROPROPANE					0.5 U								0.5 U			
1,3-DICHLOROPROPANE					0.5 U								0.5 U			
1,4-DIOXANE					100 U								100 U			
2,2-DICHLOROPROPANE					0.5 U								0.5 U			
2-BUTANONE					10 U								10 U			
2-HEXANONE					10 U								10 U			
3-CHLOROPROPENE					10 U								10 U			
4-METHYL-2-PENTANONE					10 U								10 U			
ACETONE					10 U								10 U			
ACETONITRILE					40 U								40 U			
ACROLEIN					10 U								10 U			
ACRYLONITRILE					3 U								3 U			
BENZENE					0.5 U								0.5 U			
BROMOCHLOROMETHANE					0.5 U								0.5 U			
BROMODICHLOROMETHANE					0.5 U								0.5 U			
BROMOFORM					0.5 U								0.5 U			
BROMOMETHANE					1 U								1 U			
CARBON DISULFIDE					0.5 U								0.5 U			
CARBON TETRACHLORIDE					0.3 U								0.3 U			
CHLOROBENZENE					0.5 U								0.5 U			
CHLORODIBROMOMETHANE					0.5 U								0.5 U			
CHLOROETHANE					0.5 U								0.5 U			
CHLOROFORM					0.3 U								0.3 U			
CHLOROMETHANE					0.5 U								0.5 U			
CHLOROPRENE					3 U								3 U			
CIS-1,2-DICHLOROETHENE	93		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
CIS-1,3-DICHLOROPROPENE					0.3 U								0.3 U			
DIBROMOMETHANE					0.5 U								0.5 U			
DICHLORODIFLUOROMETHANE					0.5 U								0.5 U			
ETHYL METHACRYLATE					1 U								1 U			
ETHYLBENZENE					0.5 U								0.5 U			
ISOBUTANOL					40 U								40 U			
METHACRYLONITRILE					1 U								1 U			
METHYL IODIDE					0.5 U								0.5 U			
METHYL METHACRYLATE					2 U								2 U			
METHYLENE CHLORIDE					3 U								3 U			
PROPIONITRILE					40 U								40 U			
STYRENE					0.5 U								0.5 U			

LOCATION	03C20	03C20	03C25	03C25	03C25	03C25	03C25	03C25	03C25	03C25	03C26	03C26	03C26	03C26	03C26	03C26
NSAMPLE	AC204A01	AC204A01-F	AC251A01	AC251A01-F	AC252A01	AC252A01-F	AC253A01	AC253A01-F	AC254A01	AC254A01-F	AC261A01	AC261A01-F	AC262A01	AC262A01-F	AC263B01	AC263B01-F
SAMPLE	AC204A01	AC204A01F	AC251A01	AC251A01F	AC252A01	AC252A01F	AC253A01	AC253A01F	AC254A01	AC254A01F	AC261A01	AC261A01F	AC262A01	AC262A01F	AC263B01	AC263B01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/3/2001	12/3/2001	3/6/2001	3/6/2001	6/18/2001	6/18/2001	8/30/2001	8/30/2001	11/13/2001	11/13/2001	3/27/2001	3/27/2001	6/26/2001	6/26/2001	9/19/2001	9/19/2001
TETRACHLOROETHENE					0.5 U								0.5 U			
TOLUENE					0.5 U								0.5 U			
TOTAL XYLENES					1 U								1 U			
TRANS-1,2-DICHLOROETHENE	6.8		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
TRANS-1,3-DICHLOROPROPENE					0.5 U								0.5 U			
TRANS-1,4-DICHLORO-2-BUTENE					10 U								10 U			
TRICHLOROETHENE	2900		0.5 U		0.5 U		0.5 U		0.5 U		8.8		8.8		11	
TRICHLOROFLUOROMETHANE					0.5 U								0.5 U			
VINYL ACETATE					0.5 U								0.5 U			
VINYL CHLORIDE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
Semivolatile Organics (ug/L)																
1,2,4,5-TETRACHLOROBENZENE					5 U								5 U			
1,2,4-TRICHLOROBENZENE					2 U								2 U			
1,2-DICHLOROBENZENE					2 U								2 U			
1,3-DICHLOROBENZENE					2 U								2 U			
1,4-DICHLOROBENZENE					2 U								2 U			
1,4-NAPHTHOQUINONE					5 U								5 U			
1,4-PHENYLENEDIAMINE					5 U								5 U			
1-NAPHTHYLAMINE					5 U								5 U			
2,2'-OXYBIS(1-CHLOROPROPANE)					3 U								3 U			
2,3,4,6-TETRACHLOROPHENOL					5 U								5 U			
2,4,5-TRICHLOROPHENOL					5 U								5 U			
2,4,6-TRICHLOROPHENOL					3 U								3 U			
2,4-DICHLOROPHENOL					3 U								3 U			
2,4-DIMETHYLPHENOL					5 U								5 U			
2,4-DINITROPHENOL					10 U								11 U			
2,6-DICHLOROPHENOL					5 U								5 U			
2-ACETYLAMINOFLUORENE					5 U								5 U			
2-CHLORONAPHTHALENE					2 U								2 U			
2-CHLOROPHENOL					3 U								3 U			
2-METHYLNAPHTHALENE					0.1 U								0.1 U			
2-METHYLPHENOL					2 U								2 U			
2-NAPHTHYLAMINE					5 U								5 U			
2-NITROANILINE					2 U								2 U			
2-NITROPHENOL					5 U								5 U			
2-PICOLINE					5 U								5 U			
3&4-METHYLPHENOL					4 U								4 U			
3,3'-DICHLOROBENZIDINE					5 U								5 U			
3,3'-DIMETHYLBENZIDINE					5 U								5 U			
3-METHYLCHOLANTHRENE					5 U								5 U			
3-NITROANILINE					2 U								2 U			
4,6-DINITRO-2-METHYLPHENOL					5 U								5 U			
4-AMINOBIPHENYL					5 U								5 U			
4-BROMOPHENYL PHENYL ETHER					2 U								2 U			
4-CHLORO-3-METHYLPHENOL					2 U								2 U			
4-CHLOROANILINE					2 U								2 U			
4-CHLOROPHENYL PHENYL ETHER					1 U								1 U			
4-NITROANILINE					2 U								2 U			
4-NITROPHENOL					5 U								5 U			
4-NITROQUINOLINE-1-OXIDE					5 U								5 U			
5-NITRO-O-TOLUIDINE					5 U								5 U			

LOCATION	03C20	03C20	03C25	03C25	03C25	03C25	03C25	03C25	03C25	03C25	03C26	03C26	03C26	03C26	03C26	03C26
NSAMPLE	AC204A01	AC204A01-F	AC251A01	AC251A01-F	AC252A01	AC252A01-F	AC253A01	AC253A01-F	AC254A01	AC254A01-F	AC261A01	AC261A01-F	AC262A01	AC262A01-F	AC263B01	AC263B01-F
SAMPLE	AC204A01	AC204A01F	AC251A01	AC251A01F	AG252A01	AC252A01F	AC253A01	AC253A01F	AC254A01	AC254A01F	AC261A01	AC261A01F	AC262A01	AC262A01F	AC263B01	AC263B01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/3/2001	12/3/2001	3/6/2001	3/6/2001	6/18/2001	6/18/2001	8/30/2001	8/30/2001	11/13/2001	11/13/2001	3/27/2001	3/27/2001	6/26/2001	6/26/2001	9/19/2001	9/19/2001
7,12-DIMETHYLBENZ(A)ANTHRACENE					5 U								5 U			
A,A-DIMETHYLPHENETHYLAMINE					10 U								11 U			
ACENAPHTHENE					0.1 U								0.1 U			
ACENAPHTHYLENE					0.1 U								0.1 U			
ACETOPHENONE					5 U								5 U			
ANILINE					5 U								5 U			
ANTHRACENE					0.1 U								0.1 U			
ARAMITE					5 U								5 U			
BENZO(A)ANTHRACENE					0.1 U								0.1 U			
BENZO(A)PYRENE					0.1 U								0.1 U			
BENZO(B)FLUORANTHENE					0.1 U								0.1 U			
BENZO(G,H,I)PERYLENE					0.1 U								0.1 U			
BENZO(K)FLUORANTHENE					0.1 U								0.1 U			
BENZYL ALCOHOL					5 U								5 U			
BIS(2-CHLOROETHOXY)METHANE					5 U								5 U			
BIS(2-CHLOROETHYL)ETHER					1 U								1 U			
BIS(2-ETHYLHEXYL)PHTHALATE					2 U								2 U			
BUTYL BENZYL PHTHALATE					2 U								2 U			
CHLOROBENZILATE					5 U								5 U			
CHRYSENE					0.1 U								0.1 U			
DI-N-BUTYL PHTHALATE					2 U								2 U			
DI-N-OCTYL PHTHALATE					2 U								2 U			
DIALLATE					5 U								5 U			
DIBENZO(A,H)ANTHRACENE					0.1 U								0.1 U			
DIBENZOFURAN					1 U								1 U			
DIETHYL PHTHALATE					2 U								2 U			
DIMETHOATE					5 U								5 U			
DIMETHYL PHTHALATE					2 U								2 U			
DIPHENYLAMINE					5 U								5 U			
DISULFOTON					5 U								5 U			
ETHYL METHANE SULFONATE					5 U								5 U			
ETHYL PARATHION					5 U								5 U			
FAMPHUR					10 U								11 U			
FLUORANTHENE					0.1 U								0.1 U			
FLUORENE					0.1 U								0.1 U			
HEXACHLOROBENZENE					2 U								2 U			
HEXACHLOROBUTADIENE					1 U								1 U			
HEXACHLOROCYCLOPENTADIENE					2 U								2 U			
HEXACHLOROETHANE					2 U								2 U			
HEXACHLOROPROPENE					5 U								5 U			
INDENO(1,2,3-CD)PYRENE					0.1 U								0.1 U			
ISODRIN					5 U								5 U			
ISOPHORONE					1 U								1 U			
ISOSAFROLE					5 U								5 U			
KEPONE					5 U								5 U			
METHAPYRILENE					5 U								5 U			
METHYL METHANE SULFONATE					5 U								5 U			
METHYL PARATHION					5 U								5 U			
N-NITROSO-DI-N-BUTYLAMINE					5 U								5 U			
N-NITROSO-DI-N-PROPYLAMINE					2 U								2 U			
N-NITROSODIETHYLAMINE					5 U								5 U			

LOCATION	03C20	03C20	03C25	03C25	03C25	03C25	03C25	03C25	03C25	03C25	03C26	03C26	03C26	03C26	03C26	03C26
NSAMPLE	AC204A01	AC204A01-F	AC251A01	AC251A01-F	AC252A01	AC252A01-F	AC253A01	AC253A01-F	AC254A01	AC254A01-F	AC261A01	AC261A01-F	AC262A01	AC262A01-F	AC263B01	AC263B01-F
SAMPLE	AC204A01	AC204A01F	AC251A01	AC251A01F	AC252A01	AC252A01F	AC253A01	AC253A01F	AC254A01	AC254A01F	AC261A01	AC261A01F	AC262A01	AC262A01F	AC263B01	AC263B01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/3/2001	12/3/2001	3/6/2001	3/6/2001	6/18/2001	6/18/2001	8/30/2001	8/30/2001	11/13/2001	11/13/2001	3/27/2001	3/27/2001	6/26/2001	6/26/2001	9/19/2001	9/19/2001
N-NITROSODIMETHYLAMINE					5 U								5 U			
N-NITROSOMETHYLETHYLAMINE					5 U								5 U			
N-NITROSOMORPHOLINE					5 U								5 U			
N-NITROSOPIPERIDINE					5 U								5 U			
N-NITROSOPYRROLIDINE					5 U								5 U			
NAPHTHALENE					0.1 U								0.1 U			
O,O,O-TRIETHYL PHOSPHOROTHIOAT					5 U								5 U			
O-TOLUIDINE					5 U								5 U			
P-(DIMETHYLAMINO)AZOBENZENE					5 U								5 U			
PENTACHLOROBENZENE					5 U								5 U			
PENTACHLOROETHANE					5 U								5 U			
PENTACHLORONITROBENZENE					5 U								5 U			
PENTACHLOROPHENOL					5 U								5 U			
PHENACETIN					5 U								5 U			
PHENANTHRENE					0.1 U								0.1 U			
PHENOL					5 U								5 U			
PHORATE					5 U								5 U			
PRONAMIDE					5 U								5 U			
PYRENE					0.1 U								0.1 U			
PYRIDINE					5 U								5 U			
SAFROLE					5 U								5 U			
SULFOTEPP					5 U								5 U			
THIONAZIN					5 U								5 U			
Pesticides/PCBs (ug/L)																
4,4'-DDD					0.01999 U								0.02099 U			
4,4'-DDE					0.01999 U								0.02099 U			
4,4'-DDT					0.01999 U								0.02099 U			
ALDRIN					0.00999 U								0.00999 U			
ALPHA-BHC					0.00999 U								0.00999 U			
ALPHA-CHLORDANE					0.00999 U								0.00999 U			
AROCLOR-1016					0.2 U								0.20999 U			
AROCLOR-1221					0.40999 U								0.40999 U			
AROCLOR-1232					0.2 U								0.20999 U			
AROCLOR-1242					0.2 U								0.20999 U			
AROCLOR-1248					0.2 U								0.20999 U			
AROCLOR-1254					0.2 U								0.20999 U			
AROCLOR-1260					0.2 U								0.20999 U			
BETA-BHC					0.00999 U								0.00999 U			
DELTA-BHC					0.00999 U								0.00999 U			
DIELDRIN					0.01999 U								0.02099 U			
ENDOSULFAN I					0.00999 U								0.00999 U			
ENDOSULFAN II					0.01999 U								0.02099 U			
ENDOSULFAN SULFATE					0.01999 U								0.02099 U			
ENDRIN					0.01999 U								0.02099 U			
ENDRIN ALDEHYDE					0.01999 U								0.02099 U			
ENDRIN KETONE					0.01999 U								0.02099 U			
GAMMA-BHC (LINDANE)					0.00999 U								0.00999 U			
GAMMA-CHLORDANE					0.00999 U								0.00999 U			
HEPTACHLOR					0.00999 U								0.00999 U			
HEPTACHLOR EPOXIDE					0.00999 U								0.00999 U			
METHOXYCHLOR					0.1 U								0.1 U			

LOCATION	03C20	03C20	03C25	03C25	03C25	03C25	03C25	03C25	03C25	03C25	03C26	03C26	03C26	03C26	03C26	03C26
NSAMPLE	AC204A01	AC204A01-F	AC251A01	AC251A01-F	AC252A01	AC252A01-F	AC253A01	AC253A01-F	AC254A01	AC254A01-F	AC261A01	AC261A01-F	AC262A01	AC262A01-F	AC263B01	AC263B01-F
SAMPLE	AC204A01	AC204A01F	AC251A01	AC251A01F	AC252A01	AC252A01F	AC253A01	AC253A01F	AC254A01	AC254A01F	AC261A01	AC261A01F	AC262A01	AC262A01F	AC263B01	AC263B01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/3/2001	12/3/2001	3/6/2001	3/6/2001	6/18/2001	6/18/2001	8/30/2001	8/30/2001	11/13/2001	11/13/2001	3/27/2001	3/27/2001	6/26/2001	6/26/2001	9/19/2001	9/19/2001
TOXAPHENE					1 U								1 U			
Explosives (ug/L)																
1,3,5-TRINITROBENZENE	6.5		0.82999 U		1 U		1.1 U		0.68 U		1.2 U		1.6 U		0.99 U	
1,3-DINITROBENZENE	0.4 U		0.82999 U		1 U		1.1 U		0.68 U		1.2 U		1.6 U		0.99 U	
2,4,6-TRINITROTOLUENE	0.4 U		0.82999 U		1 U		1.1 U		0.68 U		1.2 U		1.6 U		0.99 U	
2,4-DINITROTOLUENE	0.4 U		0.82999 U		1 U		1.1 U		0.68 U		1.2 U		1.6 U		0.99 U	
2,6-DINITROTOLUENE	0.4 U		0.82999 U		1 U		1.1 U		0.68 U		1.2 U		1.6 U		0.99 U	
2-AMINO-4,6-DINITROTOLUENE	9.9		0.82999 U		1 U		1.1 U		0.68 U		1.2 U		1.6 U		0.99 U	
2-NITROTOLUENE	0.4 U		0.82999 U		1 U		1.1 U		0.68 U		1.2 U		1.6 U		0.99 U	
3-NITROTOLUENE	0.4 U		0.82999 U		1 U		1.1 U		0.68 U		1.2 U		1.6 U		0.99 U	
4-AMINO-2,6-DINITROTOLUENE	15		0.82999 U		1 U		1.1 U		0.68 U		1.2 U		1.6 U		0.99 U	
4-NITROTOLUENE	0.4 U		0.82999 U		1 U		1.1 U		0.68 U		1.2 U		1.6 U		0.99 U	
HMX	22		0.82999 U		1 U		1.1 U		0.68 U		1.2 U		1.6 U		0.99 U	
NITROBENZENE	0.4 U		0.82999 U		1 U		1.1 U		0.68 U		1.2 U		1.6 U		0.99 U	
NITROCELLULOSE	1000 U		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U	
NITROGLYCERIN	4 U		8.3 U		10 U		11 U		6.8 U		12 U		16 U		9.9 U	
PETN	2 U		4.1 U		4.9 U		5.6 U		3.3 U		5.7 U		7.7 U		4.9 U	
RDX	190		0.82999 U		0.93999 U		1.1 U		0.62999 U		1.2 U		1.5 U		1.1	
TETRYL	0.4 U		0.82999 U		1 U		1.1 U		0.68 U		1.2 U		1.6 U		0.99 U	
Herbicides (ug/L)																
2,4,5-T					0.07999 U								0.07999 U			
2,4,5-TP (SILVEX)					0.07999 U								0.07999 U			
2,4-D					0.07999 U								0.07999 U			
DINOSEB					0.07999 U								0.07999 U			
Dioxins/Furans (pg/L)																
1,2,3,4,6,7,8,9-OCDD					4.4 U								5.4 U			
1,2,3,4,6,7,8,9-OCDF					3.6 U								4 U			
1,2,3,4,6,7,8-HPCDD					2.7 U								2.8 U			
1,2,3,4,6,7,8-HPCDF					1.3 U								2.2 U			
1,2,3,4,7,8,9-HPCDF					1.8 U								2.7 U			
1,2,3,6,7,8-HXCDD					1.7 U								1.6 U			
1,2,3,6,7,8-HXCDF					0.9 U								1.4 U			
1,2,3,7,8,9-HXCDD					1.7 U								1.6 U			
1,2,3,7,8,9-HXCDF					1.2 U								1.8 U			
1,2,3,7,8-PECDD					1.8 U								1.4 U			
1,2,3,7,8-PECDF					1.2 U								1 U			
2,3,4,6,7,8-HXCDF					1 U								1.4 U			
2,3,4,7,8-PECDF					1.2 U								1 U			
2,3,7,8-TCDD					1 U								1.3 U			
2,3,7,8-TCDF					1.6 U								0.9 U			
TOTAL HPCDD					2.7 U								2.8 U			
TOTAL HPCDF					1.5 U								2.4 U			
TOTAL HXCDD					1.7 U								1.6 U			
TOTAL HXCDF					1 U								1.5 U			
TOTAL PECDD					2.4 U								1.4 U			
TOTAL PECDF					1.2 U								1 U			
TOTAL TCDD					9 U								1.3 U			
TOTAL TCDF					2.2 U								0.9 U			
Total Inorganics (ug/L)																
ANTIMONY	0.10999 U		1.1 U				1 U		0.10999 U		1.1 U		1 U		1 U	
ARSENIC	0.21999 U		1.1 U				1 U		0.21999 U		1.1 U		1 U		1 U	

LOCATION	03C20	03C20	03C25	03C25	03C25	03C25	03C25	03C25	03C25	03C25	03C26	03C26	03C26	03C26	03C26	03C26
NSAMPLE	AC204A01	AC204A01-F	AC251A01	AC251A01-F	AC252A01	AC252A01-F	AC253A01	AC253A01-F	AC254A01	AC254A01-F	AC261A01	AC261A01-F	AC262A01	AC262A01-F	AC263B01	AC263B01-F
SAMPLE	AC204A01	AC204A01F	AC251A01	AC251A01F	AC252A01	AC252A01F	AC253A01	AC253A01F	AC254A01	AC254A01F	AC261A01	AC261A01F	AC262A01	AC262A01F	AC263B01	AC263B01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/3/2001	12/3/2001	3/6/2001	3/6/2001	6/18/2001	6/18/2001	8/30/2001	8/30/2001	11/13/2001	11/13/2001	3/27/2001	3/27/2001	6/26/2001	6/26/2001	9/19/2001	9/19/2001
BARIUM	31.1		17.8				16.4		17.8		39.4		37.8		37.9	
BERYLLIUM	0.10999 U		1.1 U				1 U		0.10999 U		1.1 U		1 U		1 U	
CADMIUM	0.77999 U		1.1 U				1 U		0.77999 U		1.1 U		1 U		1 U	
CHROMIUM	2 B		5.6 U				5 U		4.1 B		5.6 U		5 U		5 U	
COBALT	0.11999 B		3.3 U				3 U		0.10999 U		3.3 U		3 U		3 U	
COPPER	0.23 B		2.2 U				2 U		0.5 B		2.2 U		2 U		2 U	
LEAD	0.10999 U		1.1 U				1 U		0.10999 U		1.1 U		1 U		1 U	
MANGANESE																
MERCURY	0.01999 U		0.1 U				0.2 U		0.2 U		0.1 U		0.2 U		0.2 U	
NICKEL	2.5 B		11.1 U				10 U		3.9 B		11.1 U		10 U		10 U	
SELENIUM	0.94999 B		1.1 U				1 U		0.43999 U		1.7		1.1 B		1	
SILVER	0.10999 U		3.3 U				3 U		0.2 B		3.3 U		3 U		3 U	
THALLIUM	0.10999 U		1.1 U				1 U		0.10999 U		1.1 U		1 U		1 U	
TIN	0.10999 U		11.1 U				10 U		0.72 B		11.1 U		10 U		10 U	
VANADIUM	0.14 B		2.2 U				2 U		0.10999 U		2.2 U		2 U		2 U	
ZINC	2.2 B		11.1 U				56.3		1.6 B		11.1 U		10 U		11.2	
Dissolved Inorganics (ug/L)																
ANTIMONY		0.1 U		1 U				1 U		0.1 U		1 U		1 U		1 U
ARSENIC		0.2 U		1 U				1 U		0.20999 B		1 U		1 U		1 U
BARIUM		32.1		16.9				16.2		16.7		38.6		39		37.5
BERYLLIUM		0.1 U		1 U				1 U		0.1 U		1 U		1 U		1 U
CADMIUM		0.69999 U		1 U				1 U		0.69999 U		1 U		1 U		1 U
CALCIUM		89400		79100				100000		83800		75700		89200		92800
CHROMIUM		2.9		5 U				10.7		3.2		5 U		5 U		12.6
COBALT		0.1 B		3 U				3 U		0.1 U		3 U		3 U		3 U
COPPER		0.11999 B		2 U				2 U		0.58999		2 U		2 U		2 U
LEAD		0.1 U		1 U				1 U		0.1 U		1 U		1 U		1 U
MAGNESIUM		32500		54600				61300		52000		41700		47800		53200
MANGANESE																
MERCURY		0.01999 U		0.1 U				0.2 U		0.2 U		0.1 U		0.2 U		0.2 U
NICKEL		1.9 B		10 U				10 U		2.4		10 U		10 U		10 U
POTASSIUM		2240		2400				4070		2390		1420		1790		2220
SELENIUM		0.66		1 U				1 U		0.4 B		1 U		1 U		1 U
SILVER		0.1 U		3 U				3 U		0.1 U		3 U		3 U		3 U
SODIUM		26900		58200				64800		69000		13300		12900		13700
THALLIUM		0.1 U		1 U				1 U		0.1 U		1 U		1 U		1 U
TIN		0.31999 B		10 U				10 U		0.1 U		10 U		10 U		10 U
VANADIUM		0.10999 B		2 U				2 U		0.1 U		2 U		2 U		2 U
ZINC		0.75999 B		10 U				10 U		4.6 B		10 U		10 U		10 U
Miscellaneous Parameters (mg/L)																
CHLORIDE	5		2		2		2		2		4		4		4	
CYANIDE	0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.01 U		0.00999 U	
PHOSPHORUS (ELEMENTAL)	0.1 U		0.01999 U		0.1 U		0.1 U		0.1 U		0.72		0.1 U		0.4	
SULFATE	130		260		250		260		250		110		120		110	
SULFIDE					1 U								1 U			
TOTAL ORGANIC CARBON	1 U		1 U		1 U		1 U		1 U		1 U		2.2		1 U	
TOTAL ORGANIC HALIDES	1.7		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U	
Dissolved Miscellaneous Parameters (mg/L)																
PHOSPHORUS (ELEMENTAL)		0.1 U		0.05		0.01999 U		0.1 U		0.1 U		0.05999		0.1 U		0.1 U

LOCATION	03C26	03C26	03C26	03C26	03C27	03C27	03C27	03C27	03C27	03C27	03C27	03C27	03C30	03C30	03C30	03C30
NSAMPLE	AC264A00	AC264A00-F	AC264A01	AC264A01-F	AC271A01	AC271A01-F	AC272A01	AC272A01-F	AC273A01	AC273A01-F	AC274A01	AC274A01-F	AC301A01	AC301A01-F	AC302A01	AC302A01-F
SAMPLE	AC264A00	AC264A00F	AC264A01	AC264A01F	AC271A01	AC271A01F	AC272A01	AC272A01F	AC273A01	AC273A01F	AC274A01	AC274A01F	AC301A01	AC301A01F	AC302A01	AC302A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	1/4/2001	1/4/2001	12/4/2001	12/4/2001	3/22/2001	3/22/2001	6/25/2001	6/25/2001	9/4/2001	9/4/2001	12/19/2001	12/19/2001	4/3/2001	4/3/2001	7/3/2001	7/3/2001
Volatile Organics (ug/L)																
1,1,1,2-TETRACHLOROETHANE							0.5 U								0.5 U	
1,1,1-TRICHLOROETHANE							0.5 U								0.5 U	
1,1,2,2-TETRACHLOROETHANE							0.5 U								0.5 U	
1,1,2-TRICHLOROETHANE							0.5 U								0.5 U	
1,1-DICHLOROETHANE							0.5 U								0.5 U	
1,1-DICHLOROETHENE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
1,1-DICHLOROPROPENE							0.5 U								0.5 U	
1,2,3-TRICHLOROBENZENE							0.5 U								0.5 U	
1,2,3-TRICHLOROPROPANE							1 U								1 U	
1,2-DIBROMO-3-CHLOROPROPANE							1 U								1 U	
1,2-DIBROMOETHANE							0.5 U								0.5 U	
1,2-DICHLOROETHANE							0.5 U								0.5 U	
1,2-DICHLOROPROPANE							0.5 U								0.5 U	
1,3-DICHLOROPROPANE							0.5 U								0.5 U	
1,4-DIOXANE							100 U								100 U	
2,2-DICHLOROPROPANE							0.5 U								0.5 U	
2-BUTANONE							10 U								10 U	
2-HEXANONE							10 U								10 U	
3-CHLOROPROPENE							10 U								10 U	
4-METHYL-2-PENTANONE							10 U								10 U	
ACETONE							10 U								10 U	
ACETONITRILE							40 U								40 U	
ACROLEIN							10 U								10 U	
ACRYLONITRILE							3 U								3 U	
BENZENE							0.5 U								0.5 U	
BROMOCHLOROMETHANE							0.5 U								0.5 U	
BROMODICHLOROMETHANE							0.5 U								0.5 U	
BROMOFORM							0.5 U								0.5 U	
BROMOMETHANE							1 U								1 U	
CARBON DISULFIDE							0.5 U								0.3 J	
CARBON TETRACHLORIDE							0.3 U								0.3 U	
CHLOROBENZENE							0.5 U								0.5 U	
CHLORODIBROMOMETHANE							0.5 U								0.5 U	
CHLOROETHANE							0.5 U								0.5 U	
CHLOROFORM							0.3 U								0.3 U	
CHLOROMETHANE							0.5 U								0.5 U	
CHLOROPRENE							3 U								3 U	
CIS-1,2-DICHLOROETHENE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
CIS-1,3-DICHLOROPROPENE							0.3 U								0.3 U	
DIBROMOMETHANE							0.5 U								0.5 U	
DICHLORODIFLUOROMETHANE							0.5 U								0.5 U	
ETHYL METHACRYLATE							1 U								1 U	
ETHYLBENZENE							0.5 U								0.5 U	
ISOBUTANOL							40 U								40 U	
METHACRYLONITRILE							1 U								1 U	
METHYL IODIDE							0.5 U								0.5 U	
METHYL METHACRYLATE							2 U								2 U	
METHYLENE CHLORIDE							3 U								3 U	
PROPIONITRILE							40 U								40 U	
STYRENE							0.5 U								0.5 U	

LOCATION	03C26	03C26	03C26	03C26	03C27	03C27	03C27	03C27	03C27	03C27	03C27	03C27	03C30	03C30	03C30	03C30
NSAMPLE	AC264A00	AC264A00-F	AC264A01	AC264A01-F	AC271A01	AC271A01-F	AC272A01	AC272A01-F	AC273A01	AC273A01-F	AC274A01	AC274A01-F	AC301A01	AC301A01-F	AC302A01	AC302A01-F
SAMPLE	AC264A00	AC264A00F	AC264A01	AC264A01F	AC271A01	AC271A01F	AC272A01	AC272A01F	AC273A01	AC273A01F	AC274A01	AC274A01F	AC301A01	AC301A01F	AC302A01	AC302A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	1/4/2001	1/4/2001	12/4/2001	12/4/2001	3/22/2001	3/22/2001	6/25/2001	6/25/2001	9/4/2001	9/4/2001	12/19/2001	12/19/2001	4/3/2001	4/3/2001	7/3/2001	7/3/2001
TETRACHLOROETHENE							0.5 U								0.5 U	
TOLUENE							0.5 U								0.5 U	
TOTAL XYLENES							1 U								1 U	
TRANS-1,2-DICHLOROETHENE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
TRANS-1,3-DICHLOROPROPENE							0.5 U								0.5 U	
TRANS-1,4-DICHLORO-2-BUTENE							10 U								10 U	
TRICHLOROETHENE	9.6		11		13		3		3.7		4.9		0.5 U		0.5 U	
TRICHLOROFLUOROMETHANE							0.5 U								0.5 U	
VINYL ACETATE							0.5 U								0.5 U	
VINYL CHLORIDE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
Semivolatile Organics (ug/L)																
1,2,4,5-TETRACHLOROBENZENE							5 U								5 U	
1,2,4-TRICHLOROBENZENE							2 U								2 U	
1,2-DICHLOROBENZENE							2 U								2 U	
1,3-DICHLOROBENZENE							2 U								2 U	
1,4-DICHLOROBENZENE							2 U								2 U	
1,4-NAPHTHOQUINONE							5 U								5 U	
1,4-PHENYLENEDIAMINE							5 U								5 U	
1-NAPHTHYLAMINE							5 U								5 U	
2,2'-OXYBIS(1-CHLOROPROPANE)							3 U								3 U	
2,3,4,6-TETRACHLOROPHENOL							5 U								5 U	
2,4,5-TRICHLOROPHENOL							5 U								5 U	
2,4,6-TRICHLOROPHENOL							3 U								3 U	
2,4-DICHLOROPHENOL							3 U								3 U	
2,4-DIMETHYLPHENOL							5 U								5 U	
2,4-DINITROPHENOL							10 U								10 U	
2,6-DICHLOROPHENOL							5 U								5 U	
2-ACETYLAMINOFLUORENE							5 U								5 U	
2-CHLORONAPHTHALENE							2 U								2 U	
2-CHLOROPHENOL							3 U								3 U	
2-METHYLNAPHTHALENE							0.1 U								0.1 U	
2-METHYLPHENOL							2 U								2 U	
2-NAPHTHYLAMINE							5 U								5 U	
2-NITROANILINE							2 U								2 U	
2-NITROPHENOL							5 U								5 U	
2-PICOLINE							5 U								5 U	
3&4-METHYLPHENOL							4 U								4 U	
3,3'-DICHLOROBENZIDINE							5 U								5 U	
3,3'-DIMETHYLBENZIDINE							5 U								5 U	
3-METHYLCHOLANTHRENE							5 U								5 U	
3-NITROANILINE							2 U								2 U	
4,6-DINITRO-2-METHYLPHENOL							5 U								5 U	
4-AMINOBIPHENYL							5 U								5 U	
4-BROMOPHENYL PHENYL ETHER							2 U								2 U	
4-CHLORO-3-METHYLPHENOL							2 U								2 U	
4-CHLOROANILINE							2 U								2 U	
4-CHLOROPHENYL PHENYL ETHER							1 U								1 U	
4-NITROANILINE							2 U								2 U	
4-NITROPHENOL							5 U								5 U	
4-NITROQUINOLINE-1-OXIDE							5 U								5 U	
5-NITRO-O-TOLUIDINE							5 U								5 U	

LOCATION	03C26	03C26	03C26	03C26	03C27	03C27	03C27	03C27	03C27	03C27	03C27	03C27	03C30	03C30	03C30	03C30
NSAMPLE	AC264A00	AC264A00-F	AC264A01	AC264A01-F	AC271A01	AC271A01-F	AC272A01	AC272A01-F	AC273A01	AC273A01-F	AC274A01	AC274A01-F	AC301A01	AC301A01-F	AC302A01	AC302A01-F
SAMPLE	AC264A00	AC264A00F	AC264A01	AC264A01F	AC271A01	AC271A01F	AC272A01	AC272A01F	AC273A01	AC273A01F	AC274A01	AC274A01F	AC301A01	AC301A01F	AC302A01	AC302A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	1/4/2001	1/4/2001	12/4/2001	12/4/2001	3/22/2001	3/22/2001	6/25/2001	6/25/2001	9/4/2001	9/4/2001	12/19/2001	12/19/2001	4/3/2001	4/3/2001	7/3/2001	7/3/2001
7,12-DIMETHYLBENZ(A)ANTHRACENE							5 U								5 U	
A,A-DIMETHYLPHENETHYLAMINE							10 U								10 U	
ACENAPHTHENE							0.1 U								0.1 U	
ACENAPHTHYLENE							0.1 U								0.1 U	
ACETOPHENONE							5 U								5 U	
ANILINE							5 U								5 U	
ANTHRACENE							0.1 U								0.1 U	
ARAMITE							5 U								5 U	
BENZO(A)ANTHRACENE							0.1 U								0.1 U	
BENZO(A)PYRENE							0.1 U								0.1 U	
BENZO(B)FLUORANTHENE							0.1 U								0.1 U	
BENZO(G,H,I)PERYLENE							0.1 U								0.1 U	
BENZO(K)FLUORANTHENE							0.1 U								0.1 U	
BENZYL ALCOHOL							5 U								5 U	
BIS(2-CHLOROETHOXY)METHANE							5 U								5 U	
BIS(2-CHLOROETHYL)ETHER							1 U								1 U	
BIS(2-ETHYLHEXYL)PHTHALATE							2 U								2 U	
BUTYL BENZYL PHTHALATE							2 U								2 U	
CHLOROBENZILATE							5 U								5 U	
CHRYSENE							0.1 U								0.1 U	
DI-N-BUTYL PHTHALATE							2 U								2 U	
DI-N-OCTYL PHTHALATE							2 U								2 U	
DIALLATE							5 U								5 U	
DIBENZO(A,H)ANTHRACENE							0.1 U								0.1 U	
DIBENZOFURAN							1 U								1 U	
DIETHYL PHTHALATE							2 U								2 U	
DIMETHOATE							5 U								5 U	
DIMETHYL PHTHALATE							2 U								2 U	
DIPHENYLAMINE							5 U								5 U	
DISULFOTON							5 U								5 U	
ETHYL METHANE SULFONATE							5 U								5 U	
ETHYL PARATHION							5 U								5 U	
FAMPHUR							10 U								10 U	
FLUORANTHENE							0.1 U								0.1 U	
FLUORENE							0.1 U								0.1 U	
HEXACHLOROBENZENE							2 U								2 U	
HEXACHLOROBUTADIENE							1 U								1 U	
HEXACHLOROCYCLOPENTADIENE							2 U								2 U	
HEXACHLOROETHANE							2 U								2 U	
HEXACHLOROPROPENE							5 U								5 U	
INDENO(1,2,3-CD)PYRENE							0.1 U								0.1 U	
ISODRIN							5 U								5 U	
ISOPHORONE							1 U								1 U	
ISOSAFROLE							5 U								5 U	
KEPONE							5 U								5 U	
METHAPYRILENE							5 U								5 U	
METHYL METHANE SULFONATE							5 U								5 U	
METHYL PARATHION							5 U								5 U	
N-NITROSO-DI-N-BUTYLAMINE							5 U								5 U	
N-NITROSO-DI-N-PROPYLAMINE							2 U								2 U	
N-NITROSODIETHYLAMINE							5 U								5 U	

LOCATION	03C26	03C26	03C26	03C26	03C27	03C27	03C27	03C27	03C27	03C27	03C27	03C27	03C30	03C30	03C30	03C30
NSAMPLE	AC264A00	AC264A00-F	AC264A01	AC264A01-F	AC271A01	AC271A01-F	AC272A01	AC272A01-F	AC273A01	AC273A01-F	AC274A01	AC274A01-F	AC301A01	AC301A01-F	AC302A01	AC302A01-F
SAMPLE	AC264A00	AC264A00F	AC264A01	AC264A01F	AC271A01	AC271A01F	AC272A01	AC272A01F	AC273A01	AC273A01F	AC274A01	AC274A01F	AC301A01	AC301A01F	AC302A01	AC302A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	1/4/2001	1/4/2001	12/4/2001	12/4/2001	3/22/2001	3/22/2001	6/25/2001	6/25/2001	9/4/2001	9/4/2001	12/19/2001	12/19/2001	4/3/2001	4/3/2001	7/3/2001	7/3/2001
N-NITROSODIMETHYLAMINE							5 U								5 U	
N-NITROSOMETHYLETHYLAMINE							5 U								5 U	
N-NITROSOMORPHOLINE							5 U								5 U	
N-NITROSOPIPERIDINE							5 U								5 U	
N-NITROSOPYRROLIDINE							5 U								5 U	
NAPHTHALENE							0.1 U								0.1 U	
O,O,O-TRIETHYL PHOSPHOROTHIOAT							5 U								5 U	
O-TOLUIDINE							5 U								5 U	
P-(DIMETHYLAMINO)AZOBENZENE							5 U								5 U	
PENTACHLOROBENZENE							5 U								5 U	
PENTACHLOROETHANE							5 U								5 U	
PENTACHLORONITROBENZENE							5 U								5 U	
PENTACHLOROPHENOL							5 U								5 U	
PHENACETIN							5 U								5 U	
PHENANTHRENE							0.1 U								0.1 U	
PHENOL							5 U								5 U	
PHORATE							5 U								5 U	
PRONAMIDE							5 U								5 U	
PYRENE							0.1 U								0.1 U	
PYRIDINE							5 U								5 U	
SAFROLE							5 U								5 U	
SULFOTEPP							5 U								5 U	
THIONAZIN							5 U								5 U	
Pesticides/PCBs (ug/L)																
4,4'-DDD							0.02099 U								0.01999 U	
4,4'-DDE							0.02099 U								0.01999 U	
4,4'-DDT							0.02099 U								0.01999 U	
ALDRIN							0.00999 U								0.00999 U	
ALPHA-BHC							0.00999 U								0.00999 U	
ALPHA-CHLORDANE							0.00999 U								0.00999 U	
AROCLOR-1016							0.20999 U								0.2 U	
AROCLOR-1221							0.40999 U								0.4 U	
AROCLOR-1232							0.20999 U								0.2 U	
AROCLOR-1242							0.20999 U								0.2 U	
AROCLOR-1248							0.20999 U								0.2 U	
AROCLOR-1254							0.20999 U								0.2 U	
AROCLOR-1260							0.20999 U								0.2 U	
BETA-BHC							0.00999 U								0.00999 U	
DELTA-BHC							0.00999 U								0.00999 U	
DIELDRIN							0.02099 U								0.01999 U	
ENDOSULFAN I							0.00999 U								0.00999 U	
ENDOSULFAN II							0.02099 U								0.01999 U	
ENDOSULFAN SULFATE							0.02099 U								0.01999 U	
ENDRIN							0.02099 U								0.01999 U	
ENDRIN ALDEHYDE							0.02099 U								0.01999 U	
ENDRIN KETONE							0.00999 U								0.00999 U	
GAMMA-BHC (LINDANE)							0.00999 U								0.00999 U	
GAMMA-CHLORDANE							0.00999 U								0.00999 U	
HEPTACHLOR							0.00999 U								0.00999 U	
HEPTACHLOR EPOXIDE							0.00999 U								0.00999 U	
METHOXYCHLOR							0.1 U								0.1 U	

LOCATION	03C26	03C26	03C26	03C26	03C27	03C27	03C27	03C27	03C27	03C27	03C27	03C27	03C30	03C30	03C30	03C30
NSAMPLE	AC264A00	AC264A00-F	AC264A01	AC264A01-F	AC271A01	AC271A01-F	AC272A01	AC272A01-F	AC273A01	AC273A01-F	AC274A01	AC274A01-F	AC301A01	AC301A01-F	AC302A01	AC302A01-F
SAMPLE	AC264A00	AC264A00F	AC264A01	AC264A01F	AC271A01	AC271A01F	AC272A01	AC272A01F	AC273A01	AC273A01F	AC274A01	AC274A01F	AC301A01	AC301A01F	AC302A01	AC302A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	1/4/2001	1/4/2001	12/4/2001	12/4/2001	3/22/2001	3/22/2001	6/25/2001	6/25/2001	9/4/2001	9/4/2001	12/19/2001	12/19/2001	4/3/2001	4/3/2001	7/3/2001	7/3/2001
TOXAPHENE							1 U								1 U	
Explosives (ug/L)																
1,3,5-TRINITROBENZENE	1.3 U		1.1 U		1 U		0.73 U		0.4 U		0.74 U		1.9 U		0.93999 U	
1,3-DINITROBENZENE	1.3 U		1.1 U		1 U		0.73 U		0.4 U		0.74 U		1.9 U		0.93999 U	
2,4,6-TRINITROTOLUENE	1.3 U		1.1 U		1 U		0.73 U		0.4 U		0.74 U		1.9 U		0.93999 U	
2,4-DINITROTOLUENE	1.3 U		1.1 U		1 U		0.73 U		0.4 U		0.74 U		1.9 U		0.93999 U	
2,6-DINITROTOLUENE	1.3 U		1.1 U		1 U		0.73 U		0.4 U		0.74 U		1.9 U		0.93999 U	
2-AMINO-4,6-DINITROTOLUENE	1.3 U		1.1 U		1 U		0.73 U		0.4 U		0.74 U		1.9 U		0.93999 U	
2-NITROTOLUENE	1.3 U		1.1 U		1 U		0.73 U		0.4 U		0.74 U		1.9 U		0.93999 U	
3-NITROTOLUENE	1.3 U		1.1 U		1 U		0.73 U		0.4 U		0.74 U		1.9 U		0.93999 U	
4-AMINO-2,6-DINITROTOLUENE	1.3 U		1.1 U		1 U		0.73 U		0.4 U		0.74 U		1.9 U		0.93999 U	
4-NITROTOLUENE	1.3 U		1.1 U		1 U		0.73 U		0.4 U		0.74 U		1.9 U		0.93999 U	
HMX	1.3 U		1.1 U		1 U		0.73 U		0.4 U		0.74 U		1.9 U		0.93999 U	
NITROBENZENE	1.3 U		1.1 U		1 U		0.73 U		0.4 U		0.74 U		1.9 U		0.93999 U	
NITROCELLULOSE	1000 U		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U	
NITROGLYCERIN	13 U		11 U		10 U		7.3 U		4 U		7.4 U		19 U		9.4 U	
PETN	6.4 U		5.3 U		4.9 U		3.6 U		2 U		3.6 U		9.2 U		4.6 U	
RDX	1.2 U		1.4		1 U		0.68 U		0.37999 U		0.69999 U		1.9 U		0.87999 U	
TETRYL	1.3 U		1.1 U		1 U		0.73 U		0.4 U		0.74 U		1.9 U		0.93999 U	
Herbicides (ug/L)																
2,4,5-T							0.07999 U								0.07999 U	
2,4,5-TP (SILVEX)							0.07999 U								0.07999 U	
2,4-D							0.07999 U								0.07999 U	
DINOSEB							0.07999 U								0.07999 U	
Dioxins/Furans (pg/L)																
1,2,3,4,6,7,8,9-OCDD							6.8 U								20.7 U	
1,2,3,4,6,7,8,9-OCDF							5.2 U								17.2 U	
1,2,3,4,6,7,8-HPCDD							4.2 U								12.7 U	
1,2,3,4,6,7,8-HPCDF							2.2 U								7.5 U	
1,2,3,4,7,8,9-HPCDF							3 U								9 U	
1,2,3,6,7,8-HXCDD							2.4 U								7.8 U	
1,2,3,6,7,8-HXCDF							1.5 U								5 U	
1,2,3,7,8,9-HXCDD							2.3 U								7.9 U	
1,2,3,7,8,9-HXCDF							1.9 U								6.5 U	
1,2,3,7,8-PECDD							2.6 U								7 U	
1,2,3,7,8-PECDF							1.9 U								5.4 U	
2,3,4,6,7,8-HXCDF							1.6 U								5.1 U	
2,3,4,7,8-PECDF							1.8 U								5.1 U	
2,3,7,8-TCDD							2 U								5.7 U	
2,3,7,8-TCDF							1.4 U								3.7 U	
TOTAL HPCDD							4.2 U								12.7 U	
TOTAL HPCDF							2.5 U								8.1 U	
TOTAL HXCDD							2.3 U								7.9 U	
TOTAL HXCDF							1.6 U								5.4 U	
TOTAL PECDD							2.6 U								7 U	
TOTAL PECDF							1.9 U								5.2 U	
TOTAL TCDD							2 U								5.7 U	
TOTAL TCDF							1.4 U								3.7 U	
Total Inorganics (ug/L)																
ANTIMONY	1.1 U		0.10999 U		1.1 U		1 U		1 U		1 U		1.1 U		1 U	
ARSENIC	1.1 U		0.21999 U		1.1 U		1 U		1 U		1 U		1.7		1 U	

LOCATION	03C26	03C26	03C26	03C26	03C27	03C27	03C27	03C27	03C27	03C27	03C27	03C27	03C30	03C30	03C30	03C30
NSAMPLE	AC264A00	AC264A00-F	AC264A01	AC264A01-F	AC271A01	AC271A01-F	AC272A01	AC272A01-F	AC273A01	AC273A01-F	AC274A01	AC274A01-F	AC301A01	AC301A01-F	AC302A01	AC302A01-F
SAMPLE	AC264A00	AC264A00F	AC264A01	AC264A01F	AC271A01	AC271A01F	AC272A01	AC272A01F	AC273A01	AC273A01F	AC274A01	AC274A01F	AC301A01	AC301A01F	AC302A01	AC302A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	1/4/2001	1/4/2001	12/4/2001	12/4/2001	3/22/2001	3/22/2001	6/25/2001	6/25/2001	9/4/2001	9/4/2001	12/19/2001	12/19/2001	4/3/2001	4/3/2001	7/3/2001	7/3/2001
BARIUM	42.6		37.9		30.5		31		31.3		42.8		51.2		48.2	
BERYLLIUM	1.1 U		0.10999 U		1.1 U		1 U		1 U		1 U		1.1 U		1 U	
CADMIUM	1.1 U		0.77999 U		1.1 U		1 U		1 U		1 U		1.1 U		1 U	
CHROMIUM	5.6 U		1.6 B		5.6 U		5 U		5 U		5 U		5.6 U		5 U	
COBALT	3.3 U		0.17 B		3.3 U		3 U		3 U		3 U		3.3 U		3 U	
COPPER	2.2 U		0.18 B		2.2 U		2 U		2 U		2 U		2.2 U		2 U	
LEAD	1.1 U		0.10999 U		1.1 U		1 U		1 U		1 U		1.1 U		1 U	
MANGANESE	20.9															
MERCURY	0.2 U		0.01999 U		0.1 U		0.2 U		0.2 U		0.2 U		0.1 U		0.2 U	
NICKEL	11.1 U		3.2 B		11.1 U		10 U		10 U		10 U		11.1 U		10 U	
SELENIUM	1.2		1.1		1.5		1 B		1.1		1 U		1.1 U		1 U	
SILVER	3.3 U		0.10999 U		3.3 U		3 U		3 U		3 U		3.3 U		3 U	
THALLIUM	1.1 U		0.10999 U		1.1 U		1 U		1 U		1 U		1.1 U		1 U	
TIN	11.1 U		0.10999 U		11.1 U		10 U		10 U		10 U		11.1 U		10 U	
VANADIUM	2.2 U		0.10999 U		2.2 U		2 U		2 U		2 U		2.2 U		2 U	
ZINC	11.1 U		2 B		21.4		10 U		10 U		10 U		11.1 U		10 U	
Dissolved Inorganics (ug/L)																
ANTIMONY		1 U		0.11999 B		1 U		1 U		1 U		1 U		1 U		1 U
ARSENIC		1 U		0.2 U		1 U		1 U		1 U		1 U		1.3		1 U
BARIUM		40		39.1		30.5		31.6		31.9		39		54.2		50.6
BERYLLIUM		1 U		0.1 U		1 U		1 U		1 U		1 U		1 U		1 U
CADMIUM		1 U		0.69999 U		1 U		1 U		1 U		1 U		1 U		1 U
CALCIUM				93800		41100		48600		53400		68800		24800		53400
CHROMIUM		7		7.2		5 U		5 U		5 U		5		5 U		5 U
COBALT		3 U		0.15 B		3 U		3 U		3 U		3 U		3 U		3 U
COPPER		2 U		0.1 U		2 U		2 U		2 U		2 U		2 U		2 U
LEAD		1 U		0.1 U		1 U		1 U		1 U		1 U		1 U		1 U
MAGNESIUM				52900		2650		2790		3150		4290		19500		30300
MANGANESE		22.6														
MERCURY		0.2 U		0.01999 U		0.1 U		0.2 U		0.2 U		0.2 U		0.1 U		0.2 U
NICKEL		10 U		2.7		10 U		10 U		10 U		10 U		10 U		10 U
POTASSIUM				1980		1000 U		1040		1210		1430		2990		3270
SELENIUM		1 U		0.6		1 U		1.1		1 U		1 U		1 U		1 U
SILVER		3 U		0.1 U		3 U		3 U		3 U		3 U		3 U		3 U
SODIUM				13900		4690		4120		4270		7400		81600		66400
THALLIUM		1 U		0.1 U		1 U		1 U		1 U		1 U		1 U		1 U
TIN		10 U		0.23 B		10 U		10 U		10 U		10 U		10 U		10 U
VANADIUM		2 U		0.1 U		2 U		2 U		2 U		2 U		2 U		2 U
ZINC		10 U		1.3 B		10 U		10 U		10 U		10 U		10 U		10 U
Miscellaneous Parameters (mg/L)																
CHLORIDE	4		2		4		3		3		4		2		2	
CYANIDE	0.00999 U		0.00999 U		0.00999 U		0.01 U		0.00999 U		0.00999 U		0.00999 U		0.01 U	
PHOSPHORUS (ELEMENTAL)	0.1 U		0.1 U		0.07 J		0.1 U		0.1 U		0.1 U		1.9		0.66	
SULFATE	110		110		10		10		9		10		110		130	
SULFIDE							1 U								1 U	
TOTAL ORGANIC CARBON	1.1		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
TOTAL ORGANIC HALIDES	0.05 U		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U	
Dissolved Miscellaneous Parameters (mg/L)																
PHOSPHORUS (ELEMENTAL)		0.1 U		0.1		0.05999 J		0.1 U		0.1 U		0.1 U		0.05		0.1 U

LOCATION	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A
NSAMPLE	AC303B01	AC303B01-F	AC304A01	AC304A01-F	ASPA1A01	ASPA1A01-F	ASPA2A01	ASPA2A01-D	ASPA2A01-F	ASPA2A01-F-D	ASPA3A01	ASPA3A01-F	ASPA4A01	ASPA4A01-D	ASPA4A01-F
SAMPLE	AC303B01	AC303B01F	AC304A01	AC304A01F	ASPA1A01	ASPA1A01F	ASPA2A01	FD07100101	ASPA2A01F	FD07100101F	ASPA3A01	ASPA3A01F	ASPA4A01	FD12200101	ASPA4A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/20/2001	9/20/2001	12/10/2001	12/10/2001	4/10/2001	4/10/2001	7/10/2001	7/10/2001	7/10/2001	7/10/2001	9/17/2001	9/17/2001	12/20/2001	12/20/2001	12/20/2001
Volatile Organics (ug/L)															
1,1,1,2-TETRACHLOROETHANE							0.5 U	0.5 U							
1,1,1-TRICHLOROETHANE							0.5 U	0.5 U							
1,1,2,2-TETRACHLOROETHANE							0.5 U	0.5 U							
1,1,2-TRICHLOROETHANE							0.5 U	0.5 U							
1,1-DICHLOROETHANE							0.5 U	0.5 U							
1,1-DICHLOROETHENE	0.5 U		0.5 U		0.5 U		0.5 U	0.5 U			0.5 U		0.5 U	0.5 U	
1,1-DICHLOROPROPENE							0.5 U	0.5 U							
1,2,3-TRICHLOROBENZENE							0.5 U	0.5 U							
1,2,3-TRICHLOROPROPANE							1 U	1 U							
1,2-DIBROMO-3-CHLOROPROPANE							1 U	1 U							
1,2-DIBROMOETHANE							0.5 U	0.5 U							
1,2-DICHLOROETHANE							0.5 U	0.5 U							
1,2-DICHLOROPROPANE							0.5 U	0.5 U							
1,3-DICHLOROPROPANE							0.5 U	0.5 U							
1,4-DIOXANE							100 U	100 U							
2,2-DICHLOROPROPANE							0.5 U	0.5 U							
2-BUTANONE							10 U	10 U							
2-HEXANONE							10 U	10 U							
3-CHLOROPROPENE							10 U	10 U							
4-METHYL-2-PENTANONE							10 U	10 U							
ACETONE							10 U	10 U							
ACETONITRILE							40 U	40 U							
ACROLEIN							10 U	10 U							
ACRYLONITRILE							3 U	3 U							
BENZENE							0.5 U	0.5 U							
BROMOCHLOROMETHANE							0.5 U	0.5 U							
BROMODICHLOROMETHANE							0.5 U	0.5 U							
BROMOFORM							0.5 U	0.5 U							
BROMOMETHANE							1 U	1 U							
CARBON DISULFIDE							0.5 U	0.5 U							
CARBON TETRACHLORIDE							0.3 U	0.3 U							
CHLOROBENZENE							0.5 U	0.5 U							
CHLORODIBROMOMETHANE							0.5 U	0.5 U							
CHLOROETHANE							0.5 U	0.5 U							
CHLOROFORM							0.3 U	0.3 U							
CHLOROMETHANE							0.5 U	0.5 U							
CHLOROPRENE							3 U	3 U							
CIS-1,2-DICHLOROETHENE	0.5 U		0.5 U		0.5 U		0.5 U	0.5 U			0.5 U		0.5 U	0.5 U	
CIS-1,3-DICHLOROPROPENE							0.3 U	0.3 U							
DIBROMOMETHANE							0.5 U	0.5 U							
DICHLORODIFLUOROMETHANE							0.5 U	0.5 U							
ETHYL METHACRYLATE							1 U	1 U							
ETHYLBENZENE							0.5 U	0.5 U							
ISOBUTANOL							40 U	40 U							
METHACRYLONITRILE							1 U	1 U							
METHYL IODIDE							0.5 U	0.5 U							
METHYL METHACRYLATE							2 U	2 U							
METHYLENE CHLORIDE							3 U	3 U							
PROPIONITRILE							40 U	40 U							
STYRENE							0.5 U	0.5 U							

LOCATION	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A
NSAMPLE	AC303B01	AC303B01-F	AC304A01	AC304A01-F	ASPA1A01	ASPA1A01-F	ASPA2A01	ASPA2A01-D	ASPA2A01-F	ASPA2A01-F-D	ASPA3A01	ASPA3A01-F	ASPA4A01	ASPA4A01-D	ASPA4A01-F
SAMPLE	AC303B01	AC303B01F	AC304A01	AC304A01F	ASPA1A01	ASPA1A01F	ASPA2A01	FD07100101	ASPA2A01F	FD07100101F	ASPA3A01	ASPA3A01F	ASPA4A01	FD12200101	ASPA4A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/20/2001	9/20/2001	12/10/2001	12/10/2001	4/10/2001	4/10/2001	7/10/2001	7/10/2001	7/10/2001	7/10/2001	9/17/2001	9/17/2001	12/20/2001	12/20/2001	12/20/2001
TETRACHLOROETHENE							0.5 U	0.5 U							
TOLUENE							0.5 U	0.5 U							
TOTAL XYLENES							1 U	1 U							
TRANS-1,2-DICHLOROETHENE	0.5 U		0.5 U		0.5 U		0.5 U	0.5 U			0.5 U		0.5 U	0.5 U	
TRANS-1,3-DICHLOROPROPENE							0.5 U	0.5 U							
TRANS-1,4-DICHLORO-2-BUTENE							10 U	10 U							
TRICHLOROETHENE	0.5 U		0.5 U		0.5 U		0.4 J	0.4 J			0.5 U		0.4 J	0.4 J	
TRICHLOROFLUOROMETHANE							0.5 U	0.5 U							
VINYL ACETATE							0.5 U	0.5 U							
VINYL CHLORIDE	0.5 U		0.5 U		0.5 U		0.5 U	0.5 U			0.5 U		0.5 U	0.5 U	
Semivolatile Organics (ug/L)															
1,2,4,5-TETRACHLOROBENZENE							5 U	5 U							
1,2,4-TRICHLOROBENZENE							2 U	2 U							
1,2-DICHLOROBENZENE							2 U	2 U							
1,3-DICHLOROBENZENE							2 U	2 U							
1,4-DICHLOROBENZENE							2 U	2 U							
1,4-NAPHTHOQUINONE							5 U	5 U							
1,4-PHENYLENEDIAMINE							5 U	5 U							
1-NAPHTHYLAMINE							5 U	5 U							
2,2'-OXYBIS(1-CHLOROPROPANE)							3 U	3 U							
2,3,4,6-TETRACHLOROPHENOL							5 U	5 U							
2,4,5-TRICHLOROPHENOL							5 U	5 U							
2,4,6-TRICHLOROPHENOL							3 U	3 U							
2,4-DICHLOROPHENOL							3 U	3 U							
2,4-DIMETHYLPHENOL							5 U	5 U							
2,4-DINITROPHENOL							9 U	10 U							
2,6-DICHLOROPHENOL							5 U	5 U							
2-ACETYLAMINOFLUORENE							5 U	5 U							
2-CHLORONAPHTHALENE							2 U	2 U							
2-CHLOROPHENOL							3 U	3 U							
2-METHYLNAPHTHALENE							0.1 U	0.09 U							
2-METHYLPHENOL							2 U	2 U							
2-NAPHTHYLAMINE							5 U	5 U							
2-NITROANILINE							2 U	2 U							
2-NITROPHENOL							5 U	5 U							
2-PICOLINE							5 U	5 U							
3&4-METHYLPHENOL							4 U	4 U							
3,3'-DICHLOROBENZIDINE							5 U	5 U							
3,3'-DIMETHYLBENZIDINE							5 U	5 U							
3-METHYLCHOLANTHRENE							5 U	5 U							
3-NITROANILINE							2 U	2 U							
4,6-DINITRO-2-METHYLPHENOL							5 U	5 U							
4-AMINOBIPHENYL							5 U	5 U							
4-BROMOPHENYL PHENYL ETHER							2 U	2 U							
4-CHLORO-3-METHYLPHENOL							2 U	2 U							
4-CHLOROANILINE							2 U	2 U							
4-CHLOROPHENYL PHENYL ETHER							1 U	1 U							
4-NITROANILINE							2 U	2 U							
4-NITROPHENOL							5 U	5 U							
4-NITROQUINOLINE-1-OXIDE							5 U	5 U							
5-NITRO-O-TOLUIDINE							5 U	5 U							

LOCATION	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A
NSAMPLE	AC303B01	AC303B01-F	AC304A01	AC304A01-F	ASPA1A01	ASPA1A01-F	ASPA2A01	ASPA2A01-D	ASPA2A01-F	ASPA2A01-F-D	ASPA3A01	ASPA3A01-F	ASPA4A01	ASPA4A01-D	ASPA4A01-F
SAMPLE	AC303B01	AC303B01F	AC304A01	AC304A01F	ASPA1A01	ASPA1A01F	ASPA2A01	FD07100101	ASPA2A01F	FD07100101F	ASPA3A01	ASPA3A01F	ASPA4A01	FD12200101	ASPA4A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/20/2001	9/20/2001	12/10/2001	12/10/2001	4/10/2001	4/10/2001	7/10/2001	7/10/2001	7/10/2001	7/10/2001	9/17/2001	9/17/2001	12/20/2001	12/20/2001	12/20/2001
7,12-DIMETHYLBENZ(A)ANTHRACENE							5 U	5 U							
A,A-DIMETHYLPHENETHYLAMINE							9 U	10 U							
ACENAPHTHENE							0.1 U	0.09 U							
ACENAPHTHYLENE							0.1 U	0.09 U							
ACETOPHENONE							5 U	5 U							
ANILINE							5 U	5 U							
ANTHRACENE							0.1 U	0.09 U							
ARAMITE							5 U	5 U							
BENZO(A)ANTHRACENE							0.1 U	0.09 U							
BENZO(A)PYRENE							0.1 U	0.09 U							
BENZO(B)FLUORANTHENE							0.1 U	0.09 U							
BENZO(G,H,I)PERYLENE							0.1 U	0.09 U							
BENZO(K)FLUORANTHENE							0.1 U	0.09 U							
BENZYL ALCOHOL							5 U	5 U							
BIS(2-CHLOROETHOXY)METHANE							5 U	5 U							
BIS(2-CHLOROETHYL)ETHER							1 U	1 U							
BIS(2-ETHYLHEXYL)PHTHALATE							2 U	2 U							
BUTYL BENZYL PHTHALATE							2 U	2 U							
CHLOROBENZILATE							5 U	5 U							
CHRYSENE							0.1 U	0.09 U							
DI-N-BUTYL PHTHALATE							2 U	2 U							
DI-N-OCTYL PHTHALATE							2 U	2 U							
DIALLATE							5 U	5 U							
DIBENZO(A,H)ANTHRACENE							0.1 U	0.09 U							
DIBENZOFURAN							1 U	1 U							
DIETHYL PHTHALATE							2 U	2 U							
DIMETHOATE							5 U	5 U							
DIMETHYL PHTHALATE							2 U	2 U							
DIPHENYLAMINE							5 U	5 U							
DISULFOTON							5 U	5 U							
ETHYL METHANE SULFONATE							5 U	5 U							
ETHYL PARATHION							5 U	5 U							
FAMPHUR							9 U	10 U							
FLUORANTHENE							0.1 U	0.09 U							
FLUORENE							0.1 U	0.09 U							
HEXACHLOROBENZENE							2 U	2 U							
HEXACHLOROBUTADIENE							1 U	1 U							
HEXACHLOROCYCLOPENTADIENE							2 U	2 U							
HEXACHLOROETHANE							2 U	2 U							
HEXACHLOROPROPENE							5 U	5 U							
INDENO(1,2,3-CD)PYRENE							0.1 U	0.09 U							
ISODRIN							5 U	5 U							
ISOPHORONE							1 U	1 U							
ISOSAFROLE							5 U	5 U							
KEPONE							5 U	5 U							
METHAPYRILENE							5 U	5 U							
METHYL METHANE SULFONATE							5 U	5 U							
METHYL PARATHION							5 U	5 U							
N-NITROSO-DI-N-BUTYLAMINE							5 U	5 U							
N-NITROSO-DI-N-PROPYLAMINE							2 U	2 U							
N-NITROSODIETHYLAMINE							5 U	5 U							

LOCATION	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A
NSAMPLE	AC303B01	AC303B01-F	AC304A01	AC304A01-F	ASPA1A01	ASPA1A01-F	ASPA2A01	ASPA2A01-D	ASPA2A01-F	ASPA2A01-F-D	ASPA3A01	ASPA3A01-F	ASPA4A01	ASPA4A01-D	ASPA4A01-F
SAMPLE	AC303B01	AC303B01F	AC304A01	AC304A01F	ASPA1A01	ASPA1A01F	ASPA2A01	FD07100101	ASPA2A01F	FD07100101F	ASPA3A01	ASPA3A01F	ASPA4A01	FD12200101	ASPA4A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/20/2001	9/20/2001	12/10/2001	12/10/2001	4/10/2001	4/10/2001	7/10/2001	7/10/2001	7/10/2001	7/10/2001	9/17/2001	9/17/2001	12/20/2001	12/20/2001	12/20/2001
N-NITROSODIMETHYLAMINE							5 U	5 U							
N-NITROSOMETHYLETHYLAMINE							5 U	5 U							
N-NITROSOMORPHOLINE							5 U	5 U							
N-NITROSOPIPERIDINE							5 U	5 U							
N-NITROSOPYRROLIDINE							5 U	5 U							
NAPHTHALENE							0.1 U	0.09 U							
O,O,O-TRIETHYL PHOSPHOROTHIOAT							5 U	5 U							
O-TOLUIDINE							5 U	5 U							
P-(DIMETHYLAMINO)AZOBENZENE							5 U	5 U							
PENTACHLOROBENZENE							5 U	5 U							
PENTACHLOROETHANE							5 U	5 U							
PENTACHLORONITROBENZENE							5 U	5 U							
PENTACHLOROPHENOL							5 U	5 U							
PHENACETIN							5 U	5 U							
PHENANTHRENE							0.1 U	0.09 U							
PHENOL							5 U	5 U							
PHORATE							5 U	5 U							
PRONAMIDE							5 U	5 U							
PYRENE							0.1 U	0.09 U							
PYRIDINE							5 U	5 U							
SAFROLE							5 U	5 U							
SULFOTEPP							5 U	5 U							
THIONAZIN							5 U	5 U							
Pesticides/PCBs (ug/L)															
4,4'-DDD							0.01899 U	0.01999 U							
4,4'-DDE							0.01899 U	0.01999 U							
4,4'-DDT							0.01899 U	0.01999 U							
ALDRIN							0.0096 U	0.00989 U							
ALPHA-BHC							0.0096 U	0.00989 U							
ALPHA-CHLORDANE							0.0096 U	0.00989 U							
AROCLOR-1016							0.18999 U	0.2 U							
AROCLOR-1221							0.37999 U	0.4 U							
AROCLOR-1232							0.18999 U	0.2 U							
AROCLOR-1242							0.18999 U	0.2 U							
AROCLOR-1248							0.18999 U	0.2 U							
AROCLOR-1254							0.18999 U	0.2 U							
AROCLOR-1260							0.18999 U	0.2 U							
BETA-BHC							0.0096 U	0.00989 U							
DELTA-BHC							0.0096 U	0.00989 U							
DIELDRIN							0.01899 U	0.01999 U							
ENDOSULFAN I							0.0096 U	0.00989 U							
ENDOSULFAN II							0.01899 U	0.01999 U							
ENDOSULFAN SULFATE							0.01899 U	0.01999 U							
ENDRIN							0.01899 U	0.01999 U							
ENDRIN ALDEHYDE							0.01899 U	0.01999 U							
ENDRIN KETONE							0.01899 U	0.01999 U							
GAMMA-BHC (LINDANE)							0.0096 U	0.00989 U							
GAMMA-CHLORDANE							0.0096 U	0.00989 U							
HEPTACHLOR							0.0096 U	0.00989 U							
HEPTACHLOR EPOXIDE							0.0096 U	0.00989 U							
METHOXYCHLOR							0.096 U	0.09899 U							

LOCATION	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A
NSAMPLE	AC303B01	AC303B01-F	AC304A01	AC304A01-F	ASPA1A01	ASPA1A01-F	ASPA2A01	ASPA2A01-D	ASPA2A01-F	ASPA2A01-F-D	ASPA3A01	ASPA3A01-F	ASPA4A01	ASPA4A01-D	ASPA4A01-F
SAMPLE	AC303B01	AC303B01F	AC304A01	AC304A01F	ASPA1A01	ASPA1A01F	ASPA2A01	FD07100101	ASPA2A01F	FD07100101F	ASPA3A01	ASPA3A01F	ASPA4A01	FD12200101	ASPA4A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/20/2001	9/20/2001	12/10/2001	12/10/2001	4/10/2001	4/10/2001	7/10/2001	7/10/2001	7/10/2001	7/10/2001	9/17/2001	9/17/2001	12/20/2001	12/20/2001	12/20/2001
TOXAPHENE							0.95999 U	0.99 U							
Explosives (ug/L)															
1,3,5-TRINITROBENZENE	1.2 U		0.95999 U		0.51999 U		0.70999 U	0.56 U			0.62 U		0.97 U	0.41999 U	
1,3-DINITROBENZENE	1.2 U		0.95999 U		0.51999 U		0.70999 U	0.56 U			0.62 U		0.97 U	0.41999 U	
2,4,6-TRINITROTOLUENE	1.2 U		0.95999 U		0.81		0.70999 U	0.63999			0.62 U		0.97 U	0.43	
2,4-DINITROTOLUENE	1.2 U		0.95999 U		0.51999 U		0.70999 U	0.56 U			0.62 U		0.97 U	0.41999 U	
2,6-DINITROTOLUENE	1.2 U		0.95999 U		0.51999 U		0.70999 U	0.56 U			0.62 U		0.97 U	0.41999 U	
2-AMINO-4,6-DINITROTOLUENE	1.2 U		0.95999 U		0.51999 U		0.70999 U	0.56 U			1.8		0.97 U	0.41999 U	
2-NITROTOLUENE	1.2 U		0.95999 U		0.51999 U		0.70999 U	0.56 U			0.62 U		0.97 U	0.41999 U	
3-NITROTOLUENE	1.2 U		0.95999 U		0.51999 U		0.70999 U	0.56 U			0.62 U		0.97 U	0.41999 U	
4-AMINO-2,6-DINITROTOLUENE	1.2 U		0.95999 U		0.82999		0.75	0.81			3.9		0.97 U	0.41999 U	
4-NITROTOLUENE	1.2 U		0.95999 U		0.51999 U		0.70999 U	0.56 U			0.62 U		0.97 U	0.41999 U	
HMX	1.2 U		0.95999 U		4.5		8.2	7.6			33		3.8	3.3	
NITROBENZENE	1.2 U		0.95999 U		0.51999 U		0.70999 U	0.56 U			0.62 U		0.97 U	0.41999 U	
NITROCELLULOSE	1000 U		1000 U		1000 U		1000 U	1000 U			1000 U		1000 U	1000 U	
NITROGLYCERIN	12 U		9.6 U		5.2 U		7.2 U	5.6 U			6.2 U		9.8 U	4.2 U	
PETN	5.8 U		4.7 U		2.6 U		3.5 U	2.8 U			3.1 U		4.8 U	2 U	
RDX	1.1 U		0.89999 U		10		5.1	4.9			52		3.5	2.9	
TETRYL	1.2 U		0.95999 U		0.51999 U		0.70999 U	0.56 U			0.62 U		0.97 U	0.41999 U	
Herbicides (ug/L)															
2,4,5-T							0.07999 U	0.07999 U							
2,4,5-TP (SILVEX)							0.07999 U	0.07999 U							
2,4-D							0.07999 U	0.07999 U							
DINOSEB							0.07999 U	0.07999 U							
Dioxins/Furans (pg/L)															
1,2,3,4,6,7,8,9-OCDD							61 J	68.4 J							
1,2,3,4,6,7,8,9-OCDF							4 U	4.1 U							
1,2,3,4,6,7,8-HPCDD							2.9 U	3 U							
1,2,3,4,6,7,8-HPCDF							1.4 U	1.6 U							
1,2,3,4,7,8,9-HPCDF							1.7 U	1.9 U							
1,2,3,6,7,8-HXCDD							1.7 U	1.7 U							
1,2,3,6,7,8-HXCDF							1 U	1.9 J							
1,2,3,7,8,9-HXCDD							1.7 U	1.7 U							
1,2,3,7,8,9-HXCDF							1.3 U	2.3 J							
1,2,3,7,8-PECDD							1.7 U	1.7 U							
1,2,3,7,8-PECDF							1.2 U	1.2 U							
2,3,4,6,7,8-HXCDF							1 U	1.2 U							
2,3,4,7,8-PECDF							1.1 U	1.1 U							
2,3,7,8-TCDD							1.3 U	1.4 U							
2,3,7,8-TCDF							1 U	0.9 J							
TOTAL HPCDD							2.9 U	3 U							
TOTAL HPCDF							1.5 U	1.8 U							
TOTAL HXCDD							1.7 U	1.7 U							
TOTAL HXCDF							1.1 U	6.1							
TOTAL PECDD							1.7 U	1.7 U							
TOTAL PECDF							1.2 U	1.1 U							
TOTAL TCDD							1.4 U	1.6 U							
TOTAL TCDF							2.2 U	0.9 U							
Total Inorganics (ug/L)															
ANTIMONY	1 U		0.10999 U		1.1 U		1 U	1 U			1 U		1 U	1 U	
ARSENIC	1 U		0.56 B		1.1 U		1 U	1 U			1 U		1 U	1 U	

LOCATION	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A
NSAMPLE	AC303B01	AC303B01-F	AC304A01	AC304A01-F	ASPA1A01	ASPA1A01-F	ASPA2A01	ASPA2A01-D	ASPA2A01-F	ASPA2A01-F-D	ASPA3A01	ASPA3A01-F	ASPA4A01	ASPA4A01-D	ASPA4A01-F
SAMPLE	AC303B01	AC303B01F	AC304A01	AC304A01F	ASPA1A01	ASPA1A01F	ASPA2A01	FD07100101	ASPA2A01F	FD07100101F	ASPA3A01	ASPA3A01F	ASPA4A01	FD12200101	ASPA4A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/20/2001	9/20/2001	12/10/2001	12/10/2001	4/10/2001	4/10/2001	7/10/2001	7/10/2001	7/10/2001	7/10/2001	9/17/2001	9/17/2001	12/20/2001	12/20/2001	12/20/2001
BARIUM	45.7		51.2		79.9		88.3	87.7			130		60.8	60.6	
BERYLLIUM	1 U		0.10999 U		1.1 U		1 U	1 U			1 U		1 U	1 U	
CADMIUM	1 U		0.77999 U		1.1 U		1 U	1 U			1 U		1 U	1 U	
CHROMIUM	5 U		0.77999 B		5.6 U		5 U	5 U			5 U		5 U	5 U	
COBALT	3 U		0.10999 U		3.3 U		3 U	3 U			3 U		3 U	3 U	
COPPER	2 U		0.98 B		2.2 U		2 U	2 U			2 U		2 U	2 U	
LEAD	1 U		0.10999 U		1.1 U		1.2	1.2			1 U		1 U	1 U	
MANGANESE															
MERCURY	0.2 U		0.01999 U		0.1 U		0.2 U	0.2 U			0.2 U		0.2 U	0.2 U	
NICKEL	10 U		1.9 B		11.1 U		10 U	10 U			10 U		10 U	10 U	
SELENIUM	1 U		0.43999 U		1.1 U		1 U	1 U			1.2		1 U	1 U	
SILVER	3 U		0.10999 U		3.3 U		3 U	3 U			3 U		3 U	3 U	
THALLIUM	1 U		0.10999 U		1.1 U		1 U	1 U			1 U		1 U	1 U	
TIN	10 U		0.10999 U		11.1 U		10 U	10 U			10 U		10 U	10 U	
VANADIUM	2 U		0.10999 U		2.2 U		2 U	2 U			2 U		2 U	2 U	
ZINC	10 U		1.4 B		12.5 J		23.3	10 U			10 U		10 U	10 U	
Dissolved Inorganics (ug/L)															
ANTIMONY		1 U		0.37999 B		1			1 U	1 U		1 U			1 U
ARSENIC		1 U		0.6		1 U			1 U	1 U		1 U			1 U
BARIUM		41		50.4		77.8			90.9	82.3		131			55
BERYLLIUM		1 U		0.1 U		1 U			1 U	1 U		1 U			1 U
CADMIUM		1 U		0.69999 U		1 U			1 U	1 U		1 U			1 U
CALCIUM		50900		58700		23600			24800	25200		62700			19900
CHROMIUM		8.1		6		5 U			5 U	5 U		6.5			5 U
COBALT		3 U		0.1 U		3 U			3 U	3 U		3 U			3 U
COPPER		2 U		0.69999 B		2 U			2 U	2 U		2 U			2 U
LEAD		1 U		0.1 U		1 U			1 U	1 U		1 U			1 U
MAGNESIUM		29700		34100		7580			6980	6990		16500			6150
MANGANESE						43.9									
MERCURY		0.2 U		0.01999 U		0.1 U			0.2 U	0.2 U		0.2 U			0.2 U
NICKEL		10 U		1.6 B		10 U			10 U	10 U		10 U			10 U
POTASSIUM		3500		2830		1770			2460	2380		4680			2070
SELENIUM		1 U		0.4 U		1 U			1 U	1 U		1 U			1 U
SILVER		3 U		0.1 U		3 U			3 U	3 U		3 U			3 U
SODIUM		69300		46200		4780			3290	3280		8750			3500
THALLIUM		1 U		0.1 U		1 U			1 U	1 U		1 U			1 U
TIN		10 U		0.1 U		10 U			10 U	10 U		10 U			10 U
VANADIUM		2 U		0.18999 B		2 U			2 U	2 U		2 U			2 U
ZINC		10 U		0.5 U		10 UJ			10 U	10 U		10 U			38.2
Miscellaneous Parameters (mg/L)															
CHLORIDE	2		2		4		4	4			11		2	2	
CYANIDE	0.00999 U		0.00999 U		0.00999 U		0.01 U	0.01 U			0.00999 U		0.00999 U	0.00999 U	
PHOSPHORUS (ELEMENTAL)	0.6		0.1 U		0.03999		0.33	0.37			0.1 U		0.1 U	0.1 U	
SULFATE	140		140		64		28	28			57		27	25	
SULFIDE							1 U	1 U							
TOTAL ORGANIC CARBON	1 U		1 U		1.1		2	2			1 U		1.3	1.2	
TOTAL ORGANIC HALIDES	0.05 U		0.05 U		0.05 U		0.05 U	0.05 U			0.05 U		0.05 U	0.05 U	
Dissolved Miscellaneous Parameters (mg/L)															
PHOSPHORUS (ELEMENTAL)		0.6		0.1 U		0.01999 U			0.1 U	0.1 U		0.1 U			0.1 U

LOCATION	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPA4A01-F-D	ASPC1A01	ASPC1A01-F	ASPC2A01	ASPC2A01-F	ASPC3A01	ASPC3A01-F	ASPC4A01	ASPC4A01-F
SAMPLE	FD12200101F	ASPC1A01	ASPC1A01F	ASPC2A01	ASPC2A01F	ASPC3A01	ASPC3A01F	ASPC4A01	ASPC4A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/20/2001	4/10/2001	4/10/2001	7/10/2001	7/10/2001	9/17/2001	9/17/2001	12/18/2001	12/18/2001
Volatile Organics (ug/L)									
1,1,1,2-TETRACHLOROETHANE				0.5 U					
1,1,1-TRICHLOROETHANE				0.5 U					
1,1,2,2-TETRACHLOROETHANE				0.5 U					
1,1,2-TRICHLOROETHANE				0.5 U					
1,1-DICHLOROETHANE				0.5 U					
1,1-DICHLOROETHENE		0.5 U		0.5 U		0.5 U		0.5 U	
1,1-DICHLOROPROPENE				0.5 U					
1,2,3-TRICHLOROBENZENE				0.5 U					
1,2,3-TRICHLOROPROPANE				1 U					
1,2-DIBROMO-3-CHLOROPROPANE				1 U					
1,2-DIBROMOETHANE				0.5 U					
1,2-DICHLOROETHANE				0.5 U					
1,2-DICHLOROPROPANE				0.5 U					
1,3-DICHLOROPROPANE				0.5 U					
1,4-DIOXANE				100 U					
2,2-DICHLOROPROPANE				0.5 U					
2-BUTANONE				10 U					
2-HEXANONE				10 U					
3-CHLOROPROPENE				10 U					
4-METHYL-2-PENTANONE				10 U					
ACETONE				10 U					
ACETONITRILE				40 U					
ACROLEIN				10 U					
ACRYLONITRILE				3 U					
BENZENE				0.5 U					
BROMOCHLOROMETHANE				0.5 U					
BROMODICHLOROMETHANE				0.5 U					
BROMOFORM				0.5 U					
BROMOMETHANE				1 U					
CARBON DISULFIDE				0.5 U					
CARBON TETRACHLORIDE				0.3 U					
CHLOROBENZENE				0.5 U					
CHLORODIBROMOMETHANE				0.5 U					
CHLOROETHANE				0.5 U					
CHLOROFORM				0.3 U					
CHLOROMETHANE				0.5 U					
CHLOROPRENE				3 U					
CIS-1,2-DICHLOROETHENE		0.5 U		0.5 U		0.5 U		0.5 U	
CIS-1,3-DICHLOROPROPENE				0.3 U					
DIBROMOMETHANE				0.5 U					
DICHLORODIFLUOROMETHANE				0.5 U					
ETHYL METHACRYLATE				1 U					
ETHYLBENZENE				0.5 U					
ISOBUTANOL				40 U					
METHACRYLONITRILE				1 U					
METHYL IODIDE				0.5 U					
METHYL METHACRYLATE				2 U					
METHYLENE CHLORIDE				3 U					
PROPIONITRILE				40 U					
STYRENE				0.5 U					

LOCATION	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPA4A01-F-D	ASPC1A01	ASPC1A01-F	ASPC2A01	ASPC2A01-F	ASPC3A01	ASPC3A01-F	ASPC4A01	ASPC4A01-F
SAMPLE	FD12200101F	ASPC1A01	ASPC1A01F	ASPC2A01	ASPC2A01F	ASPC3A01	ASPC3A01F	ASPC4A01	ASPC4A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/20/2001	4/10/2001	4/10/2001	7/10/2001	7/10/2001	9/17/2001	9/17/2001	12/18/2001	12/18/2001
TETRACHLOROETHENE				0.5 U					
TOLUENE				0.5 U					
TOTAL XYLENES				1 U					
TRANS-1,2-DICHLOROETHENE		0.5 U		0.5 U		0.5 U		0.5 U	
TRANS-1,3-DICHLOROPROPENE				0.5 U					
TRANS-1,4-DICHLORO-2-BUTENE				10 U					
TRICHLOROETHENE		0.5 U		0.5 U		0.5 U		0.5 U	
TRICHLOROFLUOROMETHANE				0.5 U					
VINYL ACETATE				0.5 U					
VINYL CHLORIDE		0.5 U		0.5 U		0.5 U		0.5 U	
Semivolatile Organics (ug/L)									
1,2,4,5-TETRACHLOROBENZENE				5 U					
1,2,4-TRICHLOROBENZENE				2 U					
1,2-DICHLOROBENZENE				2 U					
1,3-DICHLOROBENZENE				2 U					
1,4-DICHLOROBENZENE				2 U					
1,4-NAPHTHOQUINONE				5 U					
1,4-PHENYLENEDIAMINE				5 U					
1-NAPHTHYLAMINE				5 U					
2,2'-OXYBIS(1-CHLOROPROPANE)				3 U					
2,3,4,6-TETRACHLOROPHENOL				5 U					
2,4,5-TRICHLOROPHENOL				5 U					
2,4,6-TRICHLOROPHENOL				3 U					
2,4-DICHLOROPHENOL				3 U					
2,4-DIMETHYLPHENOL				5 U					
2,4-DINITROPHENOL				10 U					
2,6-DICHLOROPHENOL				5 U					
2-ACETYLAMINOFLUORENE				5 U					
2-CHLORONAPHTHALENE				2 U					
2-CHLOROPHENOL				3 U					
2-METHYLNAPHTHALENE				0.1 U					
2-METHYLPHENOL				2 U					
2-NAPHTHYLAMINE				5 U					
2-NITROANILINE				2 U					
2-NITROPHENOL				5 U					
2-PICOLINE				5 U					
3&4-METHYLPHENOL				4 U					
3,3'-DICHLOROBENZIDINE				5 U					
3,3'-DIMETHYLBENZIDINE				5 U					
3-METHYLCHOLANTHRENE				5 U					
3-NITROANILINE				2 U					
4,6-DINITRO-2-METHYLPHENOL				5 U					
4-AMINOBIPHENYL				5 U					
4-BROMOPHENYL PHENYL ETHER				2 U					
4-CHLORO-3-METHYLPHENOL				2 U					
4-CHLOROANILINE				2 U					
4-CHLOROPHENYL PHENYL ETHER				1 U					
4-NITROANILINE				2 U					
4-NITROPHENOL				5 U					
4-NITROQUINOLINE-1-OXIDE				5 U					
5-NITRO-O-TOLUIDINE				5 U					

LOCATION	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPA4A01-F-D	ASPC1A01	ASPC1A01-F	ASPC2A01	ASPC2A01-F	ASPC3A01	ASPC3A01-F	ASPC4A01	ASPC4A01-F
SAMPLE	FD12200101F	ASPC1A01	ASPC1A01F	ASPC2A01	ASPC2A01F	ASPC3A01	ASPC3A01F	ASPC4A01	ASPC4A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/20/2001	4/10/2001	4/10/2001	7/10/2001	7/10/2001	9/17/2001	9/17/2001	12/18/2001	12/18/2001
7,12-DIMETHYLBENZ(A)ANTHRACENE				5 U					
A,A-DIMETHYLPHENETHYLAMINE				10 U					
ACENAPHTHENE				0.1 U					
ACENAPHTHYLENE				0.1 U					
ACETOPHENONE				5 U					
ANILINE				5 U					
ANTHRACENE				0.1 U					
ARAMITE				5 U					
BENZO(A)ANTHRACENE				0.1 U					
BENZO(A)PYRENE				0.1 U					
BENZO(B)FLUORANTHENE				0.1 U					
BENZO(G,H,I)PERYLENE				0.1 U					
BENZO(K)FLUORANTHENE				0.1 U					
BENZYL ALCOHOL				5 U					
BIS(2-CHLOROETHOXY)METHANE				5 U					
BIS(2-CHLOROETHYL)ETHER				1 U					
BIS(2-ETHYLHEXYL)PHTHALATE				2 U					
BUTYL BENZYL PHTHALATE				2 U					
CHLOROBENZILATE				5 U					
CHRYSENE				0.1 U					
DI-N-BUTYL PHTHALATE				2 U					
DI-N-OCTYL PHTHALATE				2 U					
DIALLATE				5 U					
DIBENZO(A,H)ANTHRACENE				0.1 U					
DIBENZOFURAN				1 U					
DIETHYL PHTHALATE				2 U					
DIMETHOATE				5 U					
DIMETHYL PHTHALATE				2 U					
DIPHENYLAMINE				5 U					
DISULFOTON				5 U					
ETHYL METHANE SULFONATE				5 U					
ETHYL PARATHION				5 U					
FAMPHUR				10 U					
FLUORANTHENE				0.1 U					
FLUORENE				0.1 U					
HEXACHLOROBENZENE				2 U					
HEXACHLOROBUTADIENE				1 U					
HEXACHLOROCYCLOPENTADIENE				2 U					
HEXACHLOROETHANE				2 U					
HEXACHLOROPROPENE				5 U					
INDENO(1,2,3-CD)PYRENE				0.1 U					
ISODRIN				5 U					
ISOPHORONE				1 U					
ISOSAFROLE				5 U					
KEPONE				5 U					
METHAPYRILENE				5 U					
METHYL METHANE SULFONATE				5 U					
METHYL PARATHION				5 U					
N-NITROSO-DI-N-BUTYLAMINE				5 U					
N-NITROSO-DI-N-PROPYLAMINE				2 U					
N-NITROSODIETHYLAMINE				5 U					

LOCATION	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPA4A01-F-D	ASPC1A01	ASPC1A01-F	ASPC2A01	ASPC2A01-F	ASPC3A01	ASPC3A01-F	ASPC4A01	ASPC4A01-F
SAMPLE	FD12200101F	ASPC1A01	ASPC1A01F	ASPC2A01	ASPC2A01F	ASPC3A01	ASPC3A01F	ASPC4A01	ASPC4A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/20/2001	4/10/2001	4/10/2001	7/10/2001	7/10/2001	9/17/2001	9/17/2001	12/18/2001	12/18/2001
N-NITROSODIMETHYLAMINE				5 U					
N-NITROSOMETHYLETHYLAMINE				5 U					
N-NITROSOMORPHOLINE				5 U					
N-NITROSOPIPERIDINE				5 U					
N-NITROSOPYRROLIDINE				5 U					
NAPHTHALENE				0.1 U					
O,O,O-TRIETHYL PHOSPHOROTHIOAT				5 U					
O-TOLUIDINE				5 U					
P-(DIMETHYLAMINO)AZOBENZENE				5 U					
PENTACHLOROBENZENE				5 U					
PENTACHLOROETHANE				5 U					
PENTACHLORONITROBENZENE				5 U					
PENTACHLOROPHENOL				5 U					
PHENACETIN				5 U					
PHENANTHRENE				0.1 U					
PHENOL				5 U					
PHORATE				5 U					
PRONAMIDE				5 U					
PYRENE				0.1 U					
PYRIDINE				5 U					
SAFROLE				5 U					
SULFOTEPP				5 U					
THIONAZIN				5 U					
Pesticides/PCBs (ug/L)									
4,4'-DDD				0.01899 U					
4,4'-DDE				0.01899 U					
4,4'-DDT				0.01899 U					
ALDRIN				0.0096 U					
ALPHA-BHC				0.0096 U					
ALPHA-CHLORDANE				0.0096 U					
AROCLOR-1016				0.18999 U					
AROCLOR-1221				0.37999 U					
AROCLOR-1232				0.18999 U					
AROCLOR-1242				0.18999 U					
AROCLOR-1248				0.18999 U					
AROCLOR-1254				0.18999 U					
AROCLOR-1260				0.18999 U					
BETA-BHC				0.0096 U					
DELTA-BHC				0.0096 U					
DIELDRIN				0.01899 U					
ENDOSULFAN I				0.0096 U					
ENDOSULFAN II				0.01899 U					
ENDOSULFAN SULFATE				0.01899 U					
ENDRIN				0.01899 U					
ENDRIN ALDEHYDE				0.01899 U					
ENDRIN KETONE				0.01899 U					
GAMMA-BHC (LINDANE)				0.0096 U					
GAMMA-CHLORDANE				0.0096 U					
HEPTACHLOR				0.0096 U					
HEPTACHLOR EPOXIDE				0.0096 U					
METHOXYCHLOR				0.096 U					

LOCATION	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPA4A01-F-D	ASPC1A01	ASPC1A01-F	ASPC2A01	ASPC2A01-F	ASPC3A01	ASPC3A01-F	ASPC4A01	ASPC4A01-F
SAMPLE	FD12200101F	ASPC1A01	ASPC1A01F	ASPC2A01	ASPC2A01F	ASPC3A01	ASPC3A01F	ASPC4A01	ASPC4A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/20/2001	4/10/2001	4/10/2001	7/10/2001	7/10/2001	9/17/2001	9/17/2001	12/18/2001	12/18/2001
TOXAPHENE				0.95999 U					
Explosives (ug/L)									
1,3,5-TRINITROBENZENE		0.83999 U		0.38999 U		0.62 U		0.50999 U	
1,3-DINITROBENZENE		0.83999 U		0.38999 U		0.62 U		0.50999 U	
2,4,6-TRINITROTOLUENE		0.83999 U		0.4		0.62 U		0.50999 U	
2,4-DINITROTOLUENE		0.83999 U		0.38999 U		0.62 U		0.50999 U	
2,6-DINITROTOLUENE		0.83999 U		0.38999 U		0.62 U		0.50999 U	
2-AMINO-4,6-DINITROTOLUENE		0.83999 U		0.38999 U		0.62 U		0.50999 U	
2-NITROTOLUENE		0.83999 U		0.38999 U		0.62 U		0.50999 U	
3-NITROTOLUENE		0.83999 U		0.38999 U		0.62 U		0.50999 U	
4-AMINO-2,6-DINITROTOLUENE		0.83999 U		0.38999 U		0.62 U		0.50999 U	
4-NITROTOLUENE		0.83999 U		0.38999 U		0.62 U		0.50999 U	
HMX		0.83999 U		4.6		2.4		1.1	
NITROBENZENE		0.83999 U		0.38999 U		0.62 U		0.50999 U	
NITROCELLULOSE		1000 U		1000 U		1000 U		1000 U	
NITROGLYCERIN		8.4 U		3.9 U		6.2 U		5.1 U	
PETN		4.2 U		1.9 U		3.1 U		2.5 U	
RDX		1.4		4.9		3.6		1.6	
TETRYL		0.83999 U		0.38999 U		0.62 U		0.50999 U	
Herbicides (ug/L)									
2,4,5-T				0.07999 U					
2,4,5-TP (SILVEX)				0.07999 U					
2,4-D				0.07999 U					
DINOSEB				0.07999 U					
Dioxins/Furans (pg/L)									
1,2,3,4,6,7,8,9-OCDD				98.6 J					
1,2,3,4,6,7,8,9-OCDF				7.9 U					
1,2,3,4,6,7,8-HPCDD				5.4 U					
1,2,3,4,6,7,8-HPCDF				2.4 U					
1,2,3,4,7,8,9-HPCDF				2.9 U					
1,2,3,6,7,8-HXCDD				2.8 U					
1,2,3,6,7,8-HXCDF				1.6 U					
1,2,3,7,8,9-HXCDD				2.9 U					
1,2,3,7,8,9-HXCDF				2.1 U					
1,2,3,7,8-PECDD				2.4 U					
1,2,3,7,8-PECDF				1.7 U					
2,3,4,6,7,8-HXCDF				1.7 U					
2,3,4,7,8-PECDF				1.6 U					
2,3,7,8-TCDD				1.9 U					
2,3,7,8-TCDF				1.3 U					
TOTAL HPCDD				5.4 U					
TOTAL HPCDF				2.7 U					
TOTAL HXCDD				2.9 U					
TOTAL HXCDF				1.8 U					
TOTAL PECDD				2.4 U					
TOTAL PECDF				1.7 U					
TOTAL TCDD				1.9 U					
TOTAL TCDF				1.3 U					
Total Inorganics (ug/L)									
ANTIMONY		1.1 U		1 U		1 U		1 U	
ARSENIC		1.1 U		1 U		1 U		1 U	

SWMU 03 - Ammunition Burning Ground
NSWC Crane
Summary of 2001 Groundwater Data

LOCATION	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPA4A01-F-D	ASPC1A01	ASPC1A01-F	ASPC2A01	ASPC2A01-F	ASPC3A01	ASPC3A01-F	ASPC4A01	ASPC4A01-F
SAMPLE	FD12200101F	ASPC1A01	ASPC1A01F	ASPC2A01	ASPC2A01F	ASPC3A01	ASPC3A01F	ASPC4A01	ASPC4A01F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/20/2001	4/10/2001	4/10/2001	7/10/2001	7/10/2001	9/17/2001	9/17/2001	12/18/2001	12/18/2001
BARIUM		51.1		54.5		57.3		39.9	
BERYLLIUM		1.1 U		1 U		1 U		1 U	
CADMIUM		1.1 U		1 U		1 U		1 U	
CHROMIUM		5.6 U		5 U		5 U		5 U	
COBALT		3.3 U		3 U		3 U		3 U	
COPPER		2.2 U		2 U		2 U		2 U	
LEAD		1.1 U		1 U		1 U		1 U	
MANGANESE									
MERCURY		0.1 U		0.2 U		0.2 U		0.2 U	
NICKEL		11.1 U		10 U		10 U		10 U	
SELENIUM		1.1 U		1 U		1 U		1 U	
SILVER		3.3 U		3 U		3 U		3 U	
THALLIUM		1.1 U		1 U		1 U		1 U	
TIN		11.1 U		10 U		10 U		10 U	
VANADIUM		2.2 U		2 U		2 U		2 U	
ZINC		11.1 U		10 U		40.9		10 U	
Dissolved Inorganics (ug/L)									
ANTIMONY	1 U		1 U		1 U		1 U		1 U
ARSENIC	1 U		1 U		1 U		1 U		1 U
BARIUM	54.3		50.5		49.8		58.3		34.4
BERYLLIUM	1 U		1 U		1 U		1 U		1 U
CADMIUM	1 U		1 U		1 U		1 U		1 U
CALCIUM	19600		24200 J		20100		43600		14900
CHROMIUM	5 U		5 U		5 U		5 U		5 U
COBALT	3 U		3 U		3 U		3 U		3 U
COPPER	2 U		2 U		2 U		2 U		2 U
LEAD	1 U		1 U		1 U		1 U		1 U
MAGNESIUM	6060		6220 J		4430		9370		3050
MANGANESE			15 U						
MERCURY	0.2 U		0.1 U		0.2 U		0.2 U		0.2 U
NICKEL	10 U		10 U		10 U		10 U		10 U
POTASSIUM	2030		1010		1290		1240		1490
SELENIUM	1 U		1 U		1 U		1 U		1 U
SILVER	3 U		3 U		3 U		3 U		3 U
SODIUM	3430		3680		2050		3920		1750
THALLIUM	1 U		1 U		1 U		1 U		1 U
TIN	10 U		10 U		10 U		10 U		10 U
VANADIUM	2 U		2 U		2 U		2 U		2 U
ZINC	10 U		10 UJ		10 U		10 U		10 U
Miscellaneous Parameters (mg/L)									
CHLORIDE		3		3		4		1	
CYANIDE		0.00999 U		0.01 U		0.00999 U		0.00999 U	
PHOSPHORUS (ELEMENTAL)		0.01999 U		0.31999		0.1 U		0.1 U	
SULFATE		98		20		37		15	
SULFIDE				1 U					
TOTAL ORGANIC CARBON		1		3.2		2.7		2	
TOTAL ORGANIC HALIDES		0.05 U		0.05 U		0.05 U		0.05 U	
Dissolved Miscellaneous Parameters (mg/L)									
PHOSPHORUS (ELEMENTAL)	0.1 U		0.01999		0.1 U		0.1 U		0.1 U

SWMU 03 – AMMUNITION BURING GROUND

2002 GROUND WATER MONITORING DATA

SWMU 03 - Amm[illegible]n Burning Ground
NSWC Crane
Summary of 2002 Groundwater Results

LOCATION	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C03	03C03	03C03
NSAMPLE	AC02P21A02	AC02P21A02-F	AC02P22A02	AC02P22A02-F	AC02P23B02	AC02P23B02-F	AC02P24A02	AC02P24A02-F	AC031A02	AC031A02-F	AC032A02	AC032A02-F	AC033A02	AC033A02-F	AC034A02
SAMPLE	AC02P21A02	AC02P21A02F	AC02P22A02	AC02P22A02F	AC02P23B02	AC02P23B02F	AC02P24A02	AC02P24A02F	AC031A02	AC031A02F	AC032A02	AC032A02F	AC033A02	AC033A02F	AC034A02
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	2/11/2002	2/11/2002	5/16/2002	5/16/2002	9/4/2002	9/4/2002	11/7/2002	11/7/2002	2/22/2002	2/22/2002	5/14/2002	5/14/2002	8/20/2002	8/20/2002	11/4/2002
Volatile Organics (ug/L)															
1,1,1,2-TETRACHLOROETHANE			0.5 U		0.5 U						0.5 U		0.5 U		
1,1,1-TRICHLOROETHANE			0.5 U		0.5 U						0.5 U		0.5 U		
1,1,2,2-TETRACHLOROETHANE			0.3 U		0.3 U						0.3 U		0.3 U		
1,1,2-TRICHLOROETHANE			0.5 U		0.5 U						0.5 U		0.5 U		
1,1-DICHLOROETHANE			0.5 U		0.5 U						0.5 U		0.5 U		
1,1-DICHLOROETHENE	0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U		0.5 U		1 U
1,2,3-TRICHLOROBENZENE			0.5 U		0.5 UJ						0.5 U		0.5 UJ		
1,2,3-TRICHLOROPROPANE			1 U		1 U						1 U		1 U		
1,2-DIBROMO-3-CHLOROPROPANE			0.5 U		0.5 UJ						0.5 U		0.5 U		
1,2-DIBROMOETHANE			0.5 U		0.5 U						0.5 U		0.5 U		
1,2-DICHLOROETHANE			0.3 U		0.3 U						0.3 U		0.3 U		
1,2-DICHLOROPROPANE			0.5 U		0.5 U						0.5 U		0.5 U		
1,4-DIOXANE			100 U								100 U				
2,2-DICHLOROPROPANE			0.5 U		0.5 UJ						0.5 U		0.5 U		
2-BUTANONE			5 U		5 U						5 U		5 U		
2-HEXANONE			5 U		5 U						5 U		5 U		
3-CHLOROPROPENE			5 U		5 U						5 U		5 U		
4-METHYL-2-PENTANONE			5 U		5 U						5 U		5 U		
ACETONE			5 U		5 UJ						5 U		5 UJ		
ACETONITRILE			40 U								40 U				
ACROLEIN			5 U		5 UJ						5 U		5 U		
ACRYLONITRILE			5 U		5 U						5 U		5 U		
BENZENE			0.3 U		0.3 U						0.3 U		0.3 U		
BROMOCHLOROMETHANE			0.5 U		0.5 U						0.5 U		0.5 U		
BROMODICHLOROMETHANE			0.3 U		0.3 U						0.3 U		0.3 U		
BROMOFORM			0.5 U		0.5 U						0.5 U		0.5 U		
BROMOMETHANE			1 U		1 U						1 U		1 U		
CARBON DISULFIDE			0.5 U		0.5 U						0.5 U		0.5 U		
CARBON TETRACHLORIDE			0.3 U		0.3 U						0.3 U		0.3 U		
CHLOROBENZENE			0.5 U		0.5 U						0.5 U		0.5 U		
CHLORODIBROMOMETHANE			0.5 U		0.5 U						0.5 U		0.5 U		
CHLOROETHANE			0.5 U		0.5 U						0.5 U		0.5 U		
CHLOROFORM			0.3 U		0.3 U						0.3 U		0.3 U		
CHLOROMETHANE			0.5 U		0.5 U						0.5 U		0.5 U		
CHLOROPRENE			5 U		5 UJ						5 U		5 U		
CIS-1,2-DICHLOROETHENE	0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U		0.5 U		1 U
CIS-1,3-DICHLOROPROPENE			0.3 U		0.3 U						0.3 U		0.3 U		
DIBROMOMETHANE			0.5 U		0.5 U						0.5 U		0.5 U		
DICHLORODIFLUOROMETHANE			0.5 U		0.5 U						0.5 U		0.5 UJ		
ETHYL METHACRYLATE			5 U		5 U						5 U		5 U		
ETHYLBENZENE			0.5 U		0.5 U						0.5 U		0.5 U		
ISOBUTANOL			40 U								40 U				
METHACRYLONITRILE			5 U		5 U						5 U		5 U		
METHYL IODIDE			5 U		5 UJ						5 U		5 UJ		
METHYL METHACRYLATE			5 U		5 U						5 U		5 U		
METHYLENE CHLORIDE			1 U		1 UJ						1 U		1 UJ		
PROPIONITRILE			40 U								40 U				
STYRENE			0.5 U		0.5 U						0.5 U		0.5 U		
TETRACHLOROETHENE			0.5 U		0.5 U						0.5 U		0.5 U		
TOLUENE			0.5 U		0.5 U						0.5 U		0.5 U		

LOCATION	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C03	03C03	03C03
NSAMPLE	AC02P21A02	AC02P21A02-F	AC02P22A02	AC02P22A02-F	AC02P23B02	AC02P23B02-F	AC02P24A02	AC02P24A02-F	AC031A02	AC031A02-F	AC032A02	AC032A02-F	AC033A02	AC033A02-F	AC034A02
SAMPLE	AC02P21A02	AC02P21A02F	AC02P22A02	AC02P22A02F	AC02P23B02	AC02P23B02F	AC02P24A02	AC02P24A02F	AC031A02	AC031A02F	AC032A02	AC032A02F	AC033A02	AC033A02F	AC034A02
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	2/11/2002	2/11/2002	5/16/2002	5/16/2002	9/4/2002	9/4/2002	11/7/2002	11/7/2002	2/22/2002	2/22/2002	5/14/2002	5/14/2002	8/20/2002	8/20/2002	11/4/2002
TOTAL XYLENES			1 U		1 U						1 U		1 U		
TRANS-1,2-DICHLOROETHENE	0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U		0.5 U		1 U
TRANS-1,3-DICHLOROPROPENE			0.5 U		0.5 U						0.5 U		0.5 U		
TRANS-1,4-DICHLORO-2-BUTENE			5 U		5 U						5 U		5 U		
TRICHLOROETHENE	3.9		2.9		3.1		12		0.5 U		0.5 U		0.5 U		1 U
TRICHLOROFLUOROMETHANE			0.5 U		0.5 U						0.5 U		0.5 UJ		
VINYL ACETATE			5 U		5 UJ						5 U		5 U		
VINYL CHLORIDE	0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U		0.5 U		1 U
Semivolatile Organics (ug/L)															
1,2,4,5-TETRACHLOROBENZENE			5 U								5 U				
1,2,4-TRICHLOROBENZENE			5 U								5 U				
1,2-DICHLOROBENZENE			5 U								5 U				
1,3-DICHLOROBENZENE			5 U								5 U				
1,4-DICHLOROBENZENE			5 U								5 U				
1,4-NAPHTHOQUINONE			5 U								5 U				
1,4-PHENYLENEDIAMINE			5 UR								5 UR				
1-NAPHTHYLAMINE			5 U								5 U				
2,3,4,6-TETRACHLOROPHENOL			5 U								5 U				
2,4,5-TRICHLOROPHENOL			5 U								5 U				
2,4,6-TRICHLOROPHENOL			5 U								5 U				
2,4-DICHLOROPHENOL			5 U								5 U				
2,4-DIMETHYLPHENOL			5 U								5 U				
2,4-DINITROPHENOL			10 UJ								10 UJ				
2-ACETYLAMINOFLUORENE			5 U								5 U				
2-CHLORONAPHTHALENE			5 U								5 U				
2-CHLOROPHENOL			5 U								5 U				
2-METHYLNAPHTHALENE			0.1 U								0.1 U				
2-METHYLPHENOL			5 U								5 U				
2-NAPHTHYLAMINE			5 U								5 U				
2-NITROANILINE			5 U								5 U				
2-NITROPHENOL			5 U								5 U				
2-PICOLINE			5 U								5 U				
3&4-METHYLPHENOL			5 U								5 U				
3,3'-DICHLOROBENZIDINE			5 U								5 U				
3,3'-DIMETHYLBENZIDINE			5 U								5 U				
3-METHYLCHOLANTHRENE			5 U								5 U				
3-NITROANILINE			5 U								5 U				
4,6-DINITRO-2-METHYLPHENOL			5 U								5 U				
4-AMINOBIPHENYL			5 U								5 U				
4-BROMOPHENYL PHENYL ETHER			5 U								5 U				
4-CHLORO-3-METHYLPHENOL			5 U								5 U				
4-CHLOROANILINE			5 U								5 U				
4-CHLOROPHENYL PHENYL ETHER			5 U								5 U				
4-NITROANILINE			5 U								5 U				
4-NITROPHENOL			5 U								5 U				
4-NITROQUINOLINE-1-OXIDE			5 UR								5 UR				
5-NITRO-O-TOLUIDINE			5 U								5 U				
7,12-DIMETHYLBENZ(A)ANTHRACENE			5 UJ								5 UJ				
A,A-DIMETHYLPHENETHYLAMINE			10 U								10 U				
ACENAPHTHENE			0.1 U								0.1 U				
ACENAPHTHYLENE			0.1 U								0.1 U				

LOCATION	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C03	03C03	03C03
NSAMPLE	AC02P21A02	AC02P21A02-F	AC02P22A02	AC02P22A02-F	AC02P23B02	AC02P23B02-F	AC02P24A02	AC02P24A02-F	AC031A02	AC031A02-F	AC032A02	AC032A02-F	AC033A02	AC033A02-F	AC034A02
SAMPLE	AC02P21A02	AC02P21A02F	AC02P22A02	AC02P22A02F	AC02P23B02	AC02P23B02F	AC02P24A02	AC02P24A02F	AC031A02	AC031A02F	AC032A02	AC032A02F	AC033A02	AC033A02F	AC034A02
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	2/11/2002	2/11/2002	5/16/2002	5/16/2002	9/4/2002	9/4/2002	11/7/2002	11/7/2002	2/22/2002	2/22/2002	5/14/2002	5/14/2002	8/20/2002	8/20/2002	11/4/2002
ACETOPHENONE			5 U								5 U				
ANILINE			5 U								5 U				
ANTHRACENE			0.1 U								0.1 U				
ARAMITE			5 U								5 U				
BENZO(A)ANTHRACENE			0.1 U								0.1 U				
BENZO(A)PYRENE			0.1 U								0.1 U				
BENZO(B)FLUORANTHENE			0.1 U								0.1 U				
BENZO(G,H,I)PERYLENE			0.1 U								0.1 U				
BENZO(K)FLUORANTHENE			0.1 U								0.1 U				
BENZYL ALCOHOL			5 U								5 U				
BIS(2-CHLOROETHOXY)METHANE			5 U								5 U				
BIS(2-CHLOROETHYL)ETHER			5 U								5 U				
BIS(2-CHLOROISOPROPYL)ETHER			5 U								5 U				
BIS(2-ETHYLHEXYL)PHTHALATE			5 U								5 U				
BUTYL BENZYL PHTHALATE			5 U								5 U				
CHLOROBENZILATE			5 U								5 U				
CHRYSENE			0.1 U								0.1 U				
DI-N-BUTYL PHTHALATE			5 U								5 U				
DI-N-OCTYL PHTHALATE			5 U								5 U				
DIALLATE			5 U								5 U				
DIBENZO(A,H)ANTHRACENE			0.1 U								0.1 U				
DIBENZOFURAN			5 U								5 U				
DIETHYL PHTHALATE			5 U								5 U				
DIMETHOATE			5 U								5 U				
DIMETHYL PHTHALATE			5 U								5 U				
DIPHENYLAMINE			5 U								5 U				
DISULFOTON			5 U								5 U				
ETHYL METHANE SULFONATE			5 U								5 U				
ETHYL PARATHION			5 U								5 U				
FLUORANTHENE			0.1 U								0.1 U				
FLUORENE			0.1 U								0.1 U				
HEXACHLOROBENZENE			5 U								5 U				
HEXACHLOROBUTADIENE			5 U								5 U				
HEXACHLOROCYCLOPENTADIENE			5 UJ								5 UJ				
HEXACHLOROETHANE			5 U								5 U				
HEXACHLOROPROPENE			5 U								5 U				
INDENO(1,2,3-CD)PYRENE			0.1 U								0.1 U				
ISODRIN			5 U								5 U				
ISOPHORONE			5 U								5 U				
ISOSAFROLE			5 U								5 U				
KEPONE			5 UR								5 UR				
METHAPYRILENE			5 U								5 U				
METHYL METHANE SULFONATE			5 U								5 U				
METHYL PARATHION			5 U								5 U				
N-NITROSO-DI-N-BUTYLAMINE			5 U								5 U				
N-NITROSO-DI-N-PROPYLAMINE			5 U								5 U				
N-NITROSODIETHYLAMINE			5 U								5 U				
N-NITROSODIMETHYLAMINE			5 U								5 U				
N-NITROSOMETHYLETHYLAMINE			5 U								5 U				
N-NITROSOMORPHOLINE			5 U								5 U				
N-NITROSOPIPERIDINE			5 U								5 U				

LOCATION	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C03	03C03	03C03
NSAMPLE	AC02P21A02	AC02P21A02-F	AC02P22A02	AC02P22A02-F	AC02P23B02	AC02P23B02-F	AC02P24A02	AC02P24A02-F	AC031A02	AC031A02-F	AC032A02	AC032A02-F	AC033A02	AC033A02-F	AC034A02
SAMPLE	AC02P21A02	AC02P21A02F	AC02P22A02	AC02P22A02F	AC02P23B02	AC02P23B02F	AC02P24A02	AC02P24A02F	AC031A02	AC031A02F	AC032A02	AC032A02F	AC033A02	AC033A02F	AC034A02
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	2/11/2002	2/11/2002	5/16/2002	5/16/2002	9/4/2002	9/4/2002	11/7/2002	11/7/2002	2/22/2002	2/22/2002	5/14/2002	5/14/2002	8/20/2002	8/20/2002	11/4/2002
N-NITROSOPYRROLIDINE			5 U								5 U				
NAPHTHALENE			0.1 U								0.1 U				
O,O,O-TRIETHYL PHOSPHOROTHIOAT			5 U								5 U				
O-TOLUIDINE			5 U								5 U				
PENTACHLOROBENZENE			5 U								5 U				
PENTACHLOROETHANE			5 U								5 U				
PENTACHLORONITROBENZENE			5 U								5 U				
PENTACHLOROPHENOL			5 U								5 U				
PHENACETIN			5 U								5 U				
PHENANTHRENE			0.1 U								0.1 U				
PHENOL			5 U								5 U				
PHORATE			5 U								5 U				
PRONAMIDE			5 U								5 U				
PYRENE			0.1 U								0.1 U				
PYRIDINE			5 U								5 U				
SAFROLE			5 U								5 U				
SULFOTEPP			10 U								10 U				
THIONAZIN			5 U								5 U				
Pesticides/PCBs (ug/L)															
4,4'-DDD			0.1 U								0.09799 U				
4,4'-DDE			0.1 U								0.09799 U				
4,4'-DDT			0.1 U								0.09799 U				
ALDRIN			0.05 U								0.04899 U				
ALPHA-BHC			0.05 U								0.04899 U				
ALPHA-CHLORDANE			0.05 U								0.04899 U				
AROCLOR-1016			1 U								0.98 U				
AROCLOR-1221			2 U								2 U				
AROCLOR-1232			1 U								0.98 U				
AROCLOR-1242			1 U								0.98 U				
AROCLOR-1248			1 U								0.98 U				
AROCLOR-1254			1 U								0.98 U				
AROCLOR-1260			1 U								0.98 U				
BETA-BHC			0.05 U								0.04899 U				
DELTA-BHC			0.05 U								0.04899 U				
DIELDRIN			0.1 U								0.09799 U				
ENDOSULFAN I			0.05 U								0.04899 U				
ENDOSULFAN II			0.1 U								0.09799 U				
ENDOSULFAN SULFATE			0.1 U								0.09799 U				
ENDRIN			0.1 U								0.09799 U				
ENDRIN ALDEHYDE			0.1 U								0.09799 U				
GAMMA-BHC (LINDANE)			0.05 U								0.04899 U				
GAMMA-CHLORDANE			0.05 U								0.04899 U				
HEPTACHLOR			0.05 U								0.04899 U				
HEPTACHLOR EPOXIDE			0.05 U								0.04899 U				
METHOXYCHLOR			0.5 U								0.49 U				
TOXAPHENE			5 U								4.9 U				
Explosives (ug/L)															
1,3,5-TRINITROBENZENE	0.68999 U		0.66 U		0.34999 U		0.33 U		0.50999 U		1.1 U		0.37999 U		0.69999 U
1,3-DINITROBENZENE	0.68999 U		0.66 U		0.34999 U		0.33 U		0.50999 U		1.1 U		0.37999 U		0.69999 U
2,4,6-TRINITROTOLUENE	0.68999 U		0.66 U		0.34999 U		0.33 U		0.50999 U		1.1 U		0.37999 U		0.69999 U
2,4-DINITROTOLUENE	0.68999 U		0.66 U		0.34999 U		0.33 U		0.50999 U		1.1 U		0.37999 U		0.69999 U

LOCATION	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C03	03C03	03C03
NSAMPLE	AC02P21A02	AC02P21A02-F	AC02P22A02	AC02P22A02-F	AC02P23B02	AC02P23B02-F	AC02P24A02	AC02P24A02-F	AC031A02	AC031A02-F	AC032A02	AC032A02-F	AC033A02	AC033A02-F	AC034A02
SAMPLE	AC02P21A02	AC02P21A02F	AC02P22A02	AC02P22A02F	AC02P23B02	AC02P23B02F	AC02P24A02	AC02P24A02F	AC031A02	AC031A02F	AC032A02	AC032A02F	AC033A02	AC033A02F	AC034A02
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	2/11/2002	2/11/2002	5/16/2002	5/16/2002	9/4/2002	9/4/2002	11/7/2002	11/7/2002	2/22/2002	2/22/2002	5/14/2002	5/14/2002	8/20/2002	8/20/2002	11/4/2002
2,6-DINITROTOLUENE	0.68999 U		0.66 U		0.34999 U		0.33 U		0.50999 U		1.1 U		0.37999 U		0.69999 U
2-AMINO-4,6-DINITROTOLUENE	0.68999 U		0.66 U		0.34999 U		0.33 U		0.50999 U		1.1 U		0.37999 U		0.69999 U
2-NITROTOLUENE	0.68999 U		0.66 U		0.34999 U		0.33 U		0.50999 U		1.1 U		0.37999 U		0.69999 U
3-NITROTOLUENE	0.68999 U		0.66 U		0.34999 U		0.33 U		0.50999 U		1.1 U		0.37999 U		0.69999 U
4-AMINO-2,6-DINITROTOLUENE	0.68999 U		0.66 U		0.34999 UJ		0.33 U		0.50999 U		1.1 U		0.37999 UJ		0.69999 U
4-NITROTOLUENE	0.68999 U		0.66 U		0.34999 U		0.33 U		0.50999 U		1.1 U		0.37999 U		0.69999 U
HMX	5		7.5		31		19		0.50999 U		1.1 U		0.37999 U		0.69999 U
NITROBENZENE	0.68999 U		0.66 U		0.34999 U		0.33 U		0.50999 U		1.1 U		0.37999 U		0.69999 U
NITROCELLULOSE	1000 U		1000 U		1000 U		1200		1000 U		1000 U		4400		1000 U
NITROGLYCERIN	6.9 U		6.6 UJ		7 U		1.6 U		10 U		11 UJ		7.7 U		3.6 U
PETN	3.4 U		3.3 U		3.5 U		0.8 U		5 U		5.3 U		3.8 U		1.7 U
RDX	1.4		2.3		14		6.1		0.50999 U		1 U		0.37999 U		0.69999 U
TETRYL	0.68999 U		0.66 U		0.34999 U		0.33 U		0.50999 UJ		1.1 U		0.37999 U		0.69999 U
Herbicides (ug/L)															
2,4,5-T			0.07999 U								0.07999 U				
2,4,5-TP (SILVEX)			0.07999 U								0.07999 U				
2,4-D			0.07999 U								0.07999 U				
DINOSEB			0.07999 U								0.07999 U				
HEXACHLOROPHENE			0.025 U								0.025 U				
Dioxins/Furans (pg/L)															
1,2,3,4,6,7,8,9-OCDD			35.7 J								7.4 U				
1,2,3,4,6,7,8,9-OCDF			7.1 U								6.1 U				
1,2,3,4,6,7,8-HPCDD			4.9 U								4.9 U				
1,2,3,4,6,7,8-HPCDF			3.2 U								2.9 U				
1,2,3,4,7,8,9-HPCDF			4 U								3.6 U				
1,2,3,6,7,8-HXCDD			3 U								2.8 U				
1,2,3,6,7,8-HXCDF			2 U								1.9 U				
1,2,3,7,8,9-HXCDD			3 U								2.8 U				
1,2,3,7,8,9-HXCDF			2.8 U								2.6 U				
1,2,3,7,8-PECDD			3.1 U								2.7 U				
1,2,3,7,8-PECDF			2.3 U								2.2 U				
2,3,4,6,7,8-HXCDF			2.3 U								2.2 U				
2,3,4,7,8-PECDF			2.1 U								2 U				
2,3,7,8-TCDD			2.6 U								2.4 U				
2,3,7,8-TCDF			2 U								1.9 U				
TOTAL HPCDD			4.9 U								4.9 U				
TOTAL HPCDF			3.5 U								3.2 U				
TOTAL HXCDD			3 U								2.9 U				
TOTAL HXCDF			2.3 U								2.2 U				
TOTAL PECDD			3.1 U								2.7 U				
TOTAL PECDF			2.2 U								2.1 U				
TOTAL TCDD			2.6 U								2.4 U				
TOTAL TCDF			2 U								1.9 U				
Total Inorganics (ug/L)															
ANTIMONY	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
ARSENIC	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
BARIUM	71		62.8		80.2		106		33.8		34.3		34.8		39.5
BERYLLIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 UJ		1.1 U		1.1 U		1.1 U
CADMIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CHROMIUM	8		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U
COBALT	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U

LOCATION	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C03	03C03	03C03
NSAMPLE	AC02P21A02	AC02P21A02-F	AC02P22A02	AC02P22A02-F	AC02P23B02	AC02P23B02-F	AC02P24A02	AC02P24A02-F	AC031A02	AC031A02-F	AC032A02	AC032A02-F	AC033A02	AC033A02-F	AC034A02
SAMPLE	AC02P21A02	AC02P21A02F	AC02P22A02	AC02P22A02F	AC02P23B02	AC02P23B02F	AC02P24A02	AC02P24A02F	AC031A02	AC031A02F	AC032A02	AC032A02F	AC033A02	AC033A02F	AC034A02
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	2/11/2002	2/11/2002	5/16/2002	5/16/2002	9/4/2002	9/4/2002	11/7/2002	11/7/2002	2/22/2002	2/22/2002	5/14/2002	5/14/2002	8/20/2002	8/20/2002	11/4/2002
COPPER	2.2 U		2.2 U		2.2 U		2.2 U		4.6		2.2 U		2.2 U		2.2 U
LEAD	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
MERCURY	0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U
NICKEL	11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
SELENIUM	1.1 UJ		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
SILVER	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
THALLIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
TIN	11.1 U		11.1 U		11.1 U		11.1 U		11.1 UJ		11.1 U		11.1 U		11.1 U
VANADIUM	2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
ZINC	11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
Dissolved Inorganics (ug/L)															
ANTIMONY		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
ARSENIC		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
BARIUM		68		63		79.8		105		44.5		35.5		35.3	
BERYLLIUM		1 U		1 U		1 U		1 U		1 UJ		1 U		1 U	
CADMIUM		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
CALCIUM		35800		37000		106000		88700		1210		1140		1150	
CHROMIUM		5.3		5 U		5 U		5 U		5 U		5 U		5 U	
COBALT		3 U		3 U		3 U		3 U		3 U		3 U		3 U	
COPPER		2 U		2 U		2 U		2 U		4.4		2 U		2 U	
LEAD		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
MAGNESIUM		10500 J		7150		16100		11400		1000 U		426		455	
MERCURY		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U	
NICKEL		10 U		10 U		10 U		10 U		10 U		10 U		10 U	
POTASSIUM		2350		2100		2570		3370		1470		922		1180	
SELENIUM		1 UJ		1 U		1 U		1 U		1 U		1 U		1 U	
SILVER		3 U		3 U		200 U		3 U		3 U		3 U		3 U	
SODIUM		30200		27200		31600		44700 J		259000		201000		213000	
THALLIUM		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
TIN		10 U		10 U		10 U		10 U		10 UJ		10 U		10 U	
VANADIUM		2 U		2 U		2 U		2 U		2 U		2 U		2 U	
ZINC		10 U		10 U		10 U		10 U		10 UJ		10 U		349	
Miscellaneous Parameters (mg/L)															
CHLORIDE			41		77		72		1		1		1		1
CYANIDE			0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 UJ
PHOSPHORUS (ELEMENTAL)			0.1 U		0.1 U		0.1 U		0.03999 J		0.1 U		0.1 U		0.1 U
SULFATE			28 J		58		48		88		79 J		87		83
SULFIDE			1 U								1 U				
TOTAL ORGANIC CARBON			1 U		1 U		1.4 J		2.4		1 U		1 U		1 UJ
TOTAL ORGANIC HALIDES			0.05 U		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U
Dissolved Miscellaneous Parameters (mg/L)															
PHOSPHORUS (ELEMENTAL)				0.1 U		0.1 U		0.1 U		0.09 J		0.1 UJ		0.1 U	

LOCATION	03C03	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C07	03C07	03C07	03C07	03C07	03C07
NSAMPLE	AC034A02-F	AC041A02	AC041A02-F	AC042A02	AC042A02-F	AC043A02	AC043A02-F	AC043B02	AC044A02	AC044A02-F	AC071A02	AC071A02-F	AC072A02	AC072A02-F	AC073A02	AC073A02-F
SAMPLE	AC034A02F	AC041A02	AC041A02F	AC042A02	AC042A02F	AC043A02	AC043A02F	AC043B02	AC044A02	AC044A02F	AC071A02	AC071A02F	AC072A02	AC072A02F	AC073A02	AC073A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/4/2002	2/25/2002	2/27/2002	6/10/2002	6/10/2002	8/28/2002	9/3/2002	9/5/2002	11/19/2002	11/21/2002	2/27/2002	2/27/2002	6/18/2002	6/18/2002	8/28/2002	8/28/2002
Volatile Organics (ug/L)																
1,1,1,2-TETRACHLOROETHANE				0.5 UJ		0.5 U							0.5 UJ		0.5 U	
1,1,1-TRICHLOROETHANE				0.5 U		0.5 U							0.5 U		0.5 U	
1,1,2,2-TETRACHLOROETHANE				0.3 U		0.3 U							0.3 U		0.3 U	
1,1,2-TRICHLOROETHANE				0.5 U		0.5 U							0.5 U		0.5 U	
1,1-DICHLOROETHANE				0.5 U		0.5 U							0.5 U		0.5 U	
1,1-DICHLOROETHENE		0.5 U		0.5 U		0.5 U			1 U		0.5 U		0.5 U		0.5 U	
1,2,3-TRICHLOROBENZENE				0.5 U		0.5 UJ							0.5 U		0.5 UJ	
1,2,3-TRICHLOROPROPANE				1 U		1 U							1 U		1 U	
1,2-DIBROMO-3-CHLOROPROPANE				0.5 UJ		0.5 UJ							0.5 UJ		0.5 U	
1,2-DIBROMOETHANE				0.5 U		0.5 U							0.5 U		0.5 U	
1,2-DICHLOROETHANE				0.3 U		0.3 U							0.3 U		0.3 U	
1,2-DICHLOROPROPANE				0.5 U		0.5 U							0.5 U		0.5 U	
1,4-DIOXANE				100 U									100 U			
2,2-DICHLOROPROPANE				0.5 U		0.5 UJ							0.5 U		0.5 U	
2-BUTANONE				5 UJ		5 U							5 UJ		5 U	
2-HEXANONE				5 U		5 UJ							5 U		5 U	
3-CHLOROPROPENE				5 UJ		5 U							5 UJ		5 UJ	
4-METHYL-2-PENTANONE				5 UJ		5 U							5 UJ		5 U	
ACETONE				5 UJ		5 UJ							5 UJ		5 UJ	
ACETONITRILE				40 U									40 U			
ACROLEIN				5 UJ		5 UJ							5 UJ		5 U	
ACRYLONITRILE				5 UJ		5 U							5 UJ		5 U	
BENZENE				0.3 U		0.3 U							0.3 U		0.3 U	
BROMOCHLOROMETHANE				0.5 U		0.5 U							0.5 U		0.5 U	
BROMODICHLOROMETHANE				0.3 U		0.3 U							0.3 U		0.3 U	
BROMOFORM				0.5 UJ		0.5 U							0.5 UJ		0.5 U	
BROMOMETHANE				1 U		1 U							1 U		1 U	
CARBON DISULFIDE				0.5 U		0.5 U							0.5 U		0.5 U	
CARBON TETRACHLORIDE				0.3 U		0.3 U							0.3 U		0.3 U	
CHLOROBENZENE				0.5 U		0.5 U							0.5 U		0.5 U	
CHLORODIBROMOMETHANE				0.5 U		0.5 U							0.5 U		0.5 U	
CHLOROETHANE				0.5 U		0.5 U							0.5 U		0.5 U	
CHLOROFORM				0.3 U		0.3 U							0.3 U		0.3 U	
CHLOROMETHANE				0.5 UJ		0.5 U							0.5 UJ		0.5 U	
CHLOROPRENE				5 U		5 UJ							5 U		5 UJ	
CIS-1,2-DICHLOROETHENE		0.5 U		0.5 U		0.5 U			1 U		0.5 U		0.5 U		0.5 U	
CIS-1,3-DICHLOROPROPENE				0.3 U		0.3 U							0.3 U		0.3 U	
DIBROMOMETHANE				0.5 U		0.5 U							0.5 U		0.5 U	
DICHLORODIFLUOROMETHANE				0.5 UJ		0.5 U							0.5 UJ		0.5 UJ	
ETHYL METHACRYLATE				5 U		5 U							5 U		5 U	
ETHYLBENZENE				0.5 U		0.5 U							0.5 U		0.5 U	
ISOBUTANOL				40 U									40 U			
METHACRYLONITRILE				5 UJ		5 U							5 UJ		5 UJ	
METHYL IODIDE				5 UJ		5 UJ							5 UJ		5 UJ	
METHYL METHACRYLATE				5 UJ		5 U							5 UJ		5 U	
METHYLENE CHLORIDE				1 UJ		1 UJ							1 UJ		1 UJ	
PROPIONITRILE				40 U									40 U			
STYRENE				0.5 U		0.5 U							0.5 U		0.5 U	
TETRACHLOROETHENE				0.5 U		0.5 U							0.5 U		0.5 U	
TOLUENE				0.5 U		0.5 U							0.5 U		0.5 U	

LOCATION	03C03	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C07	03C07	03C07	03C07	03C07	03C07
NSAMPLE	AC034A02-F	AC041A02	AC041A02-F	AC042A02	AC042A02-F	AC043A02	AC043A02-F	AC043B02	AC044A02	AC044A02-F	AC071A02	AC071A02-F	AC072A02	AC072A02-F	AC073A02	AC073A02-F
SAMPLE	AC034A02F	AC041A02	AC041A02F	AC042A02	AC042A02F	AC043A02	AC043A02F	AC043B02	AC044A02	AC044A02F	AC071A02	AC071A02F	AC072A02	AC072A02F	AC073A02	AC073A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/4/2002	2/25/2002	2/27/2002	6/10/2002	6/10/2002	8/28/2002	9/3/2002	9/5/2002	11/19/2002	11/21/2002	2/27/2002	2/27/2002	6/18/2002	6/18/2002	8/28/2002	8/28/2002
TOTAL XYLENES				1 U		1 U							1 U		1 U	
TRANS-1,2-DICHLOROETHENE		0.5 U		0.5 U		0.5 U			1 U		0.5 U		0.5 U		0.5 U	
TRANS-1,3-DICHLOROPROPENE				0.5 U		0.5 U							0.5 U		0.5 U	
TRANS-1,4-DICHLORO-2-BUTENE				5 UJ		5 U							5 UJ		5 U	
TRICHLOROETHENE		0.6		0.5		0.5 U			0.8 J		4.3		4.5		4.3	
TRICHLOROFLUOROMETHANE				0.5 U		0.5 U							0.5 U		0.5 U	
VINYL ACETATE				5 UJ		5 UJ							5 UJ		5 U	
VINYL CHLORIDE		0.5 U		0.5 U		0.5 U			1 U		0.5 U		0.5 U		0.5 U	
Semivolatile Organics (ug/L)																
1,2,4,5-TETRACHLOROBENZENE				5 U									5 U			
1,2,4-TRICHLOROBENZENE				5 U									5 U			
1,2-DICHLOROBENZENE				5 U									5 U			
1,3-DICHLOROBENZENE				5 U									5 U			
1,4-DICHLOROBENZENE				5 U									5 U			
1,4-NAPHTHOQUINONE				5 U									5 U			
1,4-PHENYLENEDIAMINE				5 UR									5 UR			
1-NAPHTHYLAMINE				5 U									5 U			
2,3,4,6-TETRACHLOROPHENOL				5 U									5 U			
2,4,5-TRICHLOROPHENOL				5 U									5 U			
2,4,6-TRICHLOROPHENOL				5 U									5 U			
2,4-DICHLOROPHENOL				5 U									5 U			
2,4-DIMETHYLPHENOL				5 U									5 U			
2,4-DINITROPHENOL				10 U									10 U			
2-ACETYLAMINOFLUORENE				5 U									5 U			
2-CHLORONAPHTHALENE				5 U									5 U			
2-CHLOROPHENOL				5 U									5 U			
2-METHYLNAPHTHALENE				0.1 U									0.1 U			
2-METHYLPHENOL				5 U									5 U			
2-NAPHTHYLAMINE				5 U									5 U			
2-NITROANILINE				5 U									5 U			
2-NITROPHENOL				5 U									5 U			
2-PICOLINE				5 U									5 U			
3&4-METHYLPHENOL				5 U									5 U			
3,3'-DICHLOROBENZIDINE				5 U									5 U			
3,3'-DIMETHYLBENZIDINE				5 U									5 U			
3-METHYLCHOLANTHRENE				5 U									5 U			
3-NITROANILINE				5 U									5 U			
4,6-DINITRO-2-METHYLPHENOL				5 U									5 U			
4-AMINOBIPHENYL				5 U									5 U			
4-BROMOPHENYL PHENYL ETHER				5 U									5 U			
4-CHLORO-3-METHYLPHENOL				5 U									5 U			
4-CHLOROANILINE				5 U									5 U			
4-CHLOROPHENYL PHENYL ETHER				5 U									5 U			
4-NITROANILINE				5 U									5 U			
4-NITROPHENOL				5 U									5 U			
4-NITROQUINOLINE-1-OXIDE				5 U									5 UJ			
5-NITRO-O-TOLUIDINE				5 U									5 UJ			
7,12-DIMETHYLBENZ(A)ANTHRACENE				5 U									5 U			
A,A-DIMETHYLPHENETHYLAMINE				10 U									10 U			
ACENAPHTHENE				0.1 U									0.1 U			
ACENAPHTHYLENE				0.1 U									0.1 U			

LOCATION	03C03	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C07	03C07	03C07	03C07	03C07	03C07
NSAMPLE	AC034A02-F	AC041A02	AC041A02-F	AC042A02	AC042A02-F	AC043A02	AC043A02-F	AC043B02	AC044A02	AC044A02-F	AC071A02	AC071A02-F	AC072A02	AC072A02-F	AC073A02	AC073A02-F
SAMPLE	AC034A02F	AC041A02	AC041A02F	AC042A02	AC042A02F	AC043A02	AC043A02F	AC043B02	AC044A02	AC044A02F	AC071A02	AC071A02F	AC072A02	AC072A02F	AC073A02	AC073A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/4/2002	2/25/2002	2/27/2002	6/10/2002	6/10/2002	8/28/2002	9/3/2002	9/5/2002	11/19/2002	11/21/2002	2/27/2002	2/27/2002	6/18/2002	6/18/2002	8/28/2002	8/28/2002
ACETOPHENONE				5 U									5 U			
ANILINE				5 U									5 U			
ANTHRACENE				0.1 U									0.1 U			
ARAMITE				5 U									5 U			
BENZO(A)ANTHRACENE				0.1 U									0.1 U			
BENZO(A)PYRENE				0.1 U									0.1 U			
BENZO(B)FLUORANTHENE				0.1 U									0.1 U			
BENZO(G,H,I)PERYLENE				0.1 UJ									0.1 U			
BENZO(K)FLUORANTHENE				0.1 U									0.1 U			
BENZYL ALCOHOL				5 U									5 U			
BIS(2-CHLOROETHOXY)METHANE				5 U									5 U			
BIS(2-CHLOROETHYL)ETHER				5 U									5 U			
BIS(2-CHLOROISOPROPYL)ETHER				5 U									5 UJ			
BIS(2-ETHYLHEXYL)PHTHALATE				5 U									5 U			
BUTYL BENZYL PHTHALATE				5 U									5 U			
CHLOROBENZILATE				5 U									5 U			
CHRYSENE				0.1 U									0.1 U			
DI-N-BUTYL PHTHALATE				5 U									5 U			
DI-N-OCTYL PHTHALATE				5 U									5 U			
DIALLATE				5 U									5 U			
DIBENZO(A,H)ANTHRACENE				0.1 U									0.1 U			
DIBENZOFURAN				5 U									5 U			
DIETHYL PHTHALATE				5 U									5 U			
DIMETHOATE				5 U									5 U			
DIMETHYL PHTHALATE				5 U									5 U			
DIPHENYLAMINE				5 U									5 U			
DISULFOTON				5 U									5 U			
ETHYL METHANE SULFONATE				5 U									5 U			
ETHYL PARATHION				5 U									5 U			
FLUORANTHENE				0.1 U									0.1 U			
FLUORENE				0.1 U									0.1 U			
HEXACHLOROBENZENE				5 U									5 U			
HEXACHLOROBUTADIENE				5 U									5 U			
HEXACHLOROCYCLOPENTADIENE				5 UR									5 UR			
HEXACHLOROETHANE				5 U									5 U			
HEXACHLOROPROPENE				5 U									5 U			
INDENO(1,2,3-CD)PYRENE				0.1 U									0.1 U			
ISODRIN				5 U									5 U			
ISOPHORONE				5 U									5 U			
ISOSAFROLE				5 U									5 U			
KEPONE				5 UR									5 UR			
METHAPYRILENE				5 U									5 U			
METHYL METHANE SULFONATE				5 U									5 U			
METHYL PARATHION				5 U									5 U			
N-NITROSO-DI-N-BUTYLAMINE				5 U									5 U			
N-NITROSO-DI-N-PROPYLAMINE				5 U									5 U			
N-NITROSODIETHYLAMINE				5 U									5 U			
N-NITROSODIMETHYLAMINE				5 U									5 U			
N-NITROSOMETHYLETHYLAMINE				5 U									5 U			
N-NITROSOMORPHOLINE				5 U									5 U			
N-NITROSOPIPERIDINE				5 U									5 UJ			

LOCATION	03C03	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C07	03C07	03C07	03C07	03C07	03C07
NSAMPLE	AC034A02-F	AC041A02	AC041A02-F	AC042A02	AC042A02-F	AC043A02	AC043A02-F	AC043B02	AC044A02	AC044A02-F	AC071A02	AC071A02-F	AC072A02	AC072A02-F	AC073A02	AC073A02-F
SAMPLE	AC034A02F	AC041A02	AC041A02F	AC042A02	AC042A02F	AC043A02	AC043A02F	AC043B02	AC044A02	AC044A02F	AC071A02	AC071A02F	AC072A02	AC072A02F	AC073A02	AC073A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/4/2002	2/25/2002	2/27/2002	6/10/2002	6/10/2002	8/28/2002	9/3/2002	9/5/2002	11/19/2002	11/21/2002	2/27/2002	2/27/2002	6/18/2002	6/18/2002	8/28/2002	8/28/2002
N-NITROSOPYRROLIDINE				5 U									5 U			
NAPHTHALENE				0.1 U									0.1 U			
O,O,O-TRIETHYL PHOSPHOROTHIOAT				5 U									5 U			
O-TOLUIDINE				5 U									5 U			
PENTACHLOROBENZENE				5 U									5 U			
PENTACHLOROETHANE				5 U									5 U			
PENTACHLORONITROBENZENE				5 U									5 U			
PENTACHLOROPHENOL				5 U									5 U			
PHENACETIN				5 U									5 U			
PHENANTHRENE				0.1 U									0.1 UJ			
PHENOL				5 U									5 U			
PHORATE				5 U									5 U			
PRONAMIDE				5 U									5 U			
PYRENE				0.1 U									0.1 U			
PYRIDINE				5 U									5 U			
SAFROLE				5 U									5 U			
SULFOTEPP				10 U									10 U			
THIONAZIN				5 U									5 U			
Pesticides/PCBs (ug/L)																
4,4'-DDD				0.097 UJ									0.09499 U			
4,4'-DDE				0.097 UJ									0.09499 U			
4,4'-DDT				0.097 UJ									0.09499 U			
ALDRIN				0.04899 UJ									0.048 U			
ALPHA-BHC				0.04899 UJ									0.048 U			
ALPHA-CHLORDANE				0.04899 UJ									0.048 U			
AROCLOR-1016				0.97 UJ									0.94999 U			
AROCLOR-1221				1.9 UJ									1.9 U			
AROCLOR-1232				0.97 UJ									0.94999 U			
AROCLOR-1242				0.97 UJ									0.94999 U			
AROCLOR-1248				0.97 UJ									0.94999 U			
AROCLOR-1254				0.97 UJ									0.94999 U			
AROCLOR-1260				0.97 UJ									0.94999 U			
BETA-BHC				0.04899 UJ									0.048 U			
DELTA-BHC				0.04899 UJ									0.048 U			
DIELDRIN				0.097 UJ									0.09499 U			
ENDOSULFAN I				0.04899 UJ									0.048 U			
ENDOSULFAN II				0.097 UJ									0.09499 U			
ENDOSULFAN SULFATE				0.097 UJ									0.09499 U			
ENDRIN				0.097 UJ									0.09499 U			
ENDRIN ALDEHYDE				0.097 UJ									0.09499 U			
GAMMA-BHC (LINDANE)				0.04899 UJ									0.048 U			
GAMMA-CHLORDANE				0.04899 UJ									0.048 U			
HEPTACHLOR				0.04899 UJ									0.048 U			
HEPTACHLOR EPOXIDE				0.04899 UJ									0.048 U			
METHOXYCHLOR				0.49 UJ									0.47999 U			
TOXAPHENE				4.9 UJ									4.8 U			
Explosives (ug/L)																
1,3,5-TRINITROBENZENE		0.91 U		0.99 U				0.57999 U	0.89999 U		0.40999 U		0.57999 U		0.40999 U	
1,3-DINITROBENZENE		0.91 U		0.99 U				0.57999 U	0.89999 U		0.40999 U		0.57999 U		0.40999 U	
2,4,6-TRINITROTOLUENE		0.91 U		0.99 U				0.57999 U	0.89999 U		0.40999 U		0.57999 U		0.40999 U	
2,4-DINITROTOLUENE		0.91 U		0.99 U				0.57999 U	0.89999 U		0.40999 U		0.57999 U		0.40999 U	

LOCATION	03C03	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C07	03C07	03C07	03C07	03C07	03C07
NSAMPLE	AC034A02-F	AC041A02	AC041A02-F	AC042A02	AC042A02-F	AC043A02	AC043A02-F	AC043B02	AC044A02	AC044A02-F	AC071A02	AC071A02-F	AC072A02	AC072A02-F	AC073A02	AC073A02-F
SAMPLE	AC034A02F	AC041A02	AC041A02F	AC042A02	AC042A02F	AC043A02	AC043A02F	AC043B02	AC044A02	AC044A02F	AC071A02	AC071A02F	AC072A02	AC072A02F	AC073A02	AC073A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/4/2002	2/25/2002	2/27/2002	6/10/2002	6/10/2002	8/28/2002	9/3/2002	9/5/2002	11/19/2002	11/21/2002	2/27/2002	2/27/2002	6/18/2002	6/18/2002	8/28/2002	8/28/2002
2,6-DINITROTOLUENE		0.91 U		0.99 U				0.57999 U	0.89999 U		0.40999 U		0.57999 U		0.40999 U	
2-AMINO-4,6-DINITROTOLUENE		0.91 U		0.99 U				0.57999 U	0.89999 U		0.40999 U		0.57999 U		0.40999 U	
2-NITROTOLUENE		0.91 U		0.99 U				0.57999 U	0.89999 U		0.40999 U		0.57999 U		0.40999 U	
3-NITROTOLUENE		0.91 U		0.99 U				0.57999 U	0.89999 U		0.40999 U		0.57999 U		0.40999 U	
4-AMINO-2,6-DINITROTOLUENE		0.91 U		0.99 U				0.57999 UJ	0.89999 UJ		0.40999 U		0.57999 U		0.40999 UJ	
4-NITROTOLUENE		0.91 U		0.99 U				0.57999 U	0.89999 U		0.40999 U		0.57999 U		0.40999 U	
HMX		0.91 U		0.99 U				0.57999 U	0.89999 U		12		12		8.9	
NITROBENZENE		0.91 U		0.99 U				0.57999 U	0.89999 U		0.40999 U		0.57999 U		0.40999 U	
NITROCELLULOSE		1000 U		1000 UJ				1000 U	1000 U		1000 U		1000 U		1000 U	
NITROGLYCERIN		18 U		9.9 U				12 U	4.6 U		8.2 U		5.8 U		8.2 U	
PETN		9 U		4.9 U				5.8 U	2.2 U		4 U		2.9 U		4 U	
RDX		0.91 U		0.93 U				0.57999 U	0.89999 U		38		36		30	
TETRYL		0.91 UJ		0.99 U				0.57999 U	0.89999 U		0.40999 UJ		0.57999 U		0.40999 U	
Herbicides (ug/L)																
2,4,5-T				0.07999 U									0.07999 U			
2,4,5-TP (SILVEX)				0.07999 U									0.07999 U			
2,4-D				0.07999 U									0.07999 U			
DINOSEB				0.07999 U									0.07999 U			
HEXACHLOROPHENE				0.025 U									0.025 U			
Dioxins/Furans (pg/L)																
1,2,3,4,6,7,8,9-OCDD				11.6 J									6.9 J			
1,2,3,4,6,7,8,9-OCDF				3 U									3.1 U			
1,2,3,4,6,7,8-HPCDD				3 U									2.7 U			
1,2,3,4,6,7,8-HPCDF				1.7 U									2.5 U			
1,2,3,4,7,8,9-HPCDF				2.1 U									3 U			
1,2,3,6,7,8-HXCDD				1.8 U									1.6 U			
1,2,3,6,7,8-HXCDF				1.2 U									1.3 U			
1,2,3,7,8,9-HXCDD				1.8 U									1.6 U			
1,2,3,7,8,9-HXCDF				1.5 U									1.7 U			
1,2,3,7,8-PECDD				1.5 U									1.4 U			
1,2,3,7,8-PECDF				1.2 U									1.1 U			
2,3,4,6,7,8-HXCDF				1.4 U									1.5 U			
2,3,4,7,8-PECDF				1.2 U									1.2 U			
2,3,7,8-TCDD				1.7 U									1.5 U			
2,3,7,8-TCDF				1.4 U									1.1 U			
TOTAL HPCDD				3 U									2.7 U			
TOTAL HPCDF				1.9 U									2.8 U			
TOTAL HXCDD				1.8 U									1.6 U			
TOTAL HXCDF				1.3 U									1.5 U			
TOTAL PECDD				1.5 U									1.4 U			
TOTAL PECDF				1.2 U									1.2 U			
TOTAL TCDD				1.7 U									1.5 U			
TOTAL TCDF				1.4 U									1.1 U			
Total Inorganics (ug/L)																
ANTIMONY		1.1 U		1.1 U		1.1 U			1.1 U		1.1 U		1.1 U		1.1 U	
ARSENIC		1.1 U		1.1 U		1.1 U			1.1 U		1.1 U		1.1 U		1.1 U	
BARIUM		24.7		21.9		20			24.1		27		30.3		25.9	
BERYLLIUM		1.1 UJ		1.1 U		1.1 U			1.1 U		1.1 UJ		1.1 U		1.1 U	
CADMIUM		1.1 U		1.1 U		1.1 U			1.1 U		1.1 U		1.1 U		1.1 U	
CHROMIUM		5.6 U		5.6 U		5.6 U			5.6 U		5.6 U		5.6 U		5.6 U	
COBALT		3.3 U		3.3 U		3.3 U			3.3 U		3.3 U		3.3 U		3.3 U	

LOCATION	03C03	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C07	03C07	03C07	03C07	03C07	03C07
NSAMPLE	AC034A02-F	AC041A02	AC041A02-F	AC042A02	AC042A02-F	AC043A02	AC043A02-F	AC043B02	AC044A02	AC044A02-F	AC071A02	AC071A02-F	AC072A02	AC072A02-F	AC073A02	AC073A02-F
SAMPLE	AC034A02F	AC041A02	AC041A02F	AC042A02	AC042A02F	AC043A02	AC043A02F	AC043B02	AC044A02	AC044A02F	AC071A02	AC071A02F	AC072A02	AC072A02F	AC073A02	AC073A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/4/2002	2/25/2002	2/27/2002	6/10/2002	6/10/2002	8/28/2002	9/3/2002	9/5/2002	11/19/2002	11/21/2002	2/27/2002	2/27/2002	6/18/2002	6/18/2002	8/28/2002	8/28/2002
COPPER		2.5		2.2 U		2.2 U			2.2 U		2.2 U		2.2 U		2.2 U	
LEAD		1.1 U		1.1 U		1.1 U			1.1 U		1.1 U		1.1 U		1.1 U	
MERCURY		0.2 U		0.2 UJ		0.2 U			0.2 U		0.2 U		0.2 U		0.2 U	
NICKEL		11.1 U		11.1 U		11.1 U			11.1 U		11.1 U		11.1 U		11.1 U	
SELENIUM		2.6		1.4		1.8			1.1 U		2		1.2		1.1 U	
SILVER		3.3 U		222 U		3.3 U			3.3 U		3.3 U		222 U		3.3 U	
THALLIUM		1.1 U		1.1 U		1.1 U			1.1 U		1.1 U		1.1 U		1.1 U	
TIN		11.1 UJ		11.1 U		11.1 U			11.1 U		11.1 UJ		11.1 U		11.1 U	
VANADIUM		2.2 U		2.2 U		2.2 U			2.2 U		2.2 U		2.2 U		2.2 U	
ZINC		12.8		11.1 U		23.8			15.9		11.1 U		60.7		11.1 U	
Dissolved Inorganics (ug/L)																
ANTIMONY	1 U		1 U		1 U		1 U			1 U		1 U		1 U		1 U
ARSENIC	1 U		1 U		1 U		1 U			1 U		1 U		1 U		1 U
BARIUM	39.2		21.1		17		18.3			17.5		36.3		31.2		26.1
BERYLLIUM	1 U		1 UJ		1 U		1 U			1 U		1 UJ		1 U		1 U
CADMIUM	1 U		1 U		1 U		1 U			1 U		1 U		1 U		1 U
CALCIUM	1560		146000		143000		124000			149000		99200		94800		92700
CHROMIUM	5 U		5 U		5 U		5 U			5 U		5 U		5 U		5 U
COBALT	3 U		3 U		3 U		3 U			3 U		3 U		3 U		3 U
COPPER	2 U		2 U		2 U		2 U			2 U		2 U		2 U		2 U
LEAD	1 U		1 U		1 U		1 U			1 U		1 U		1 U		1 U
MAGNESIUM	653		216000		187000		168000			200000		52900		46200		43000
MERCURY	0.2 U		0.2 U		0.2 U		0.2 U			0.2 U		0.2 U		0.2 U		0.2 U
NICKEL	10 U		10 U		10 U		10 U			10 U		10 U		10 U		10 U
POTASSIUM	1180		3410		2990		2880			2950		2280		2610		2260
SELENIUM	1 U		2.1		1.9		1.7			1 U		2.1		2.2		1.4
SILVER	3 U		3 U		200 U		200 U			3 U		3 U		200 U		200 U
SODIUM	237000		58200		48600		55100			51400		27100		24400		21300
THALLIUM	1 U		1 U		1 U		1 U			1 U		1 U		1 U		1 U
TIN	10 U		10 UJ		10 U		10 U			10 U		10 UJ		10 U		10 U
VANADIUM	2 U		2 U		2 U		2 U			2 U		2 U		2 U		2 U
ZINC	10 U		10 UJ		10 U		71.8			10 U		11.9 J		10 U		10 U
Miscellaneous Parameters (mg/L)																
CHLORIDE		6 J		7		6			6		8 J		9		9	
CYANIDE		0.00999 U		0.00999 U		0.00999 U			0.00999 U		0.00999 U		0.00999 U		0.00999 U	
PHOSPHORUS (ELEMENTAL)		0.1 U		0.1 U		0.1 U			0.1 U		0.1 U		0.2		0.1 U	
SULFATE		690		760		1000			770		95		93		86	
SULFIDE				1 U									1 U			
TOTAL ORGANIC CARBON		2.2		1 U		1 U			1 UJ		2.2		1		1 U	
TOTAL ORGANIC HALIDES		0.05 U		0.05 U		0.05 U			0.05 U		0.05 U		0.05 UJ		0.05 U	
Dissolved Miscellaneous Parameters (mg/L)																
PHOSPHORUS (ELEMENTAL)	0.1 U		0.1 U		0.1 U		0.1 U			0.1 U		0.1 U		0.1 U		0.1 U

LOCATION	03C07	03C07	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2-
NSAMPLE	AC074A02	AC074A02-F	AC08P21A02	AC08P21A02-F	AC08P22A02	AC08P22A02-F	AC08P23A02	AC08P23A02-F	AC08P24A02	AC08P24A02-F	AC09P21A02	AC09P21A02-F	AC09P22A02	AC09P22A02-F
SAMPLE	AC074A02	AC074A02F	AC08P21A02	AC08P21A02F	AC08P22A02	AC08P22A02F	AC08P23A02	AC08P23A02F	AC08P24A02	AC08P24A02F	AC09P21A02	AC09P21A02F	AC09P22A02	AC09P22A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/25/2002	11/25/2002	2/28/2002	2/28/2002	6/6/2002	6/6/2002	9/3/2002	9/3/2002	11/20/2002	11/20/2002	2/22/2002	2/22/2002	5/15/2002	5/15/2002
Volatile Organics (ug/L)														
1,1,1,2-TETRACHLOROETHANE					0.5 UJ		0.5 U						0.5 U	
1,1,1-TRICHLOROETHANE					0.5 U		0.5 U						0.5 U	
1,1,2,2-TETRACHLOROETHANE					0.3 U		0.3 U						0.3 U	
1,1,2-TRICHLOROETHANE					0.5 U		0.5 U						0.5 U	
1,1-DICHLOROETHANE					0.5 U		0.5 U						0.5 U	
1,1-DICHLOROETHENE	1 U		0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U	
1,2,3-TRICHLOROBENZENE					0.5 U		0.5 UJ						0.5 U	
1,2,3-TRICHLOROPROPANE					1 U		1 U						1 U	
1,2-DIBROMO-3-CHLOROPROPANE					0.5 UJ		0.5 UJ						0.5 U	
1,2-DIBROMOETHANE					0.5 U		0.5 U						0.5 U	
1,2-DICHLOROETHANE					0.3 U		0.3 U						9.6	
1,2-DICHLOROPROPANE					0.5 U		0.5 U						0.5 U	
1,4-DIOXANE					100 U								100 U	
2,2-DICHLOROPROPANE					0.5 U		0.5 UJ						0.5 U	
2-BUTANONE					5 UJ		5 U						5 U	
2-HEXANONE					5 U		5 U						5 U	
3-CHLOROPROPENE					5 UJ		5 U						5 U	
4-METHYL-2-PENTANONE					5 UJ		5 U						5 U	
ACETONE					5 UJ		5 UJ						5 U	
ACETONITRILE					40 U								40 U	
ACROLEIN					5 UJ		5 UJ						5 U	
ACRYLONITRILE					5 UJ		5 U						5 U	
BENZENE					0.3 U		0.3 U						0.3 U	
BROMOCHLOROMETHANE					0.5 U		0.5 U						0.5 U	
BROMODICHLOROMETHANE					0.3 U		0.3 U						0.3 U	
BROMOFORM					0.5 UJ		0.5 U						0.5 U	
BROMOMETHANE					1 U		1 U						1 U	
CARBON DISULFIDE					0.5 U		0.5 U						0.5 U	
CARBON TETRACHLORIDE					0.3 U		0.3 U						0.8	
CHLOROBENZENE					0.5 U		0.5 U						0.5 U	
CHLORODIBROMOMETHANE					0.5 U		0.5 U						0.5 U	
CHLOROETHANE					0.5 U		0.5 U						0.5 U	
CHLOROFORM					0.3 U		0.3 U						0.8	
CHLOROMETHANE					0.5 UJ		0.5 U						0.5 U	
CHLOROPRENE					5 U		5 UJ						5 U	
CIS-1,2-DICHLOROETHENE	1 U		14		18		16		17		0.5 U		0.5 U	
CIS-1,3-DICHLOROPROPENE					0.3 U		0.3 U						0.3 U	
DIBROMOMETHANE					0.5 U		0.5 U						0.5 U	
DICHLORODIFLUOROMETHANE					0.5 UJ		0.5 U						0.5 U	
ETHYL METHACRYLATE					5 U		5 U						5 U	
ETHYLBENZENE					0.5 U		0.5 U						0.5 U	
ISOBUTANOL					40 U								40 U	
METHACRYLONITRILE					5 UJ		5 U						5 U	
METHYL IODIDE					5 UJ		5 UJ						5 U	
METHYL METHACRYLATE					5 UJ		5 U						5 U	
METHYLENE CHLORIDE					1 UJ		1 UJ						1 U	
PROPIONITRILE					40 U								40 U	
STYRENE					0.5 U		0.5 U						0.5 U	
TETRACHLOROETHENE					0.5 U		0.5 U						0.5 U	
TOLUENE					0.5 U		0.5 U						0.5 U	

LOCATION	03C07	03C07	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2
NSAMPLE	AC074A02	AC074A02-F	AC08P21A02	AC08P21A02-F	AC08P22A02	AC08P22A02-F	AC08P23A02	AC08P23A02-F	AC08P24A02	AC08P24A02-F	AC09P21A02	AC09P21A02-F	AC09P22A02	AC09P22A02-F
SAMPLE	AC074A02	AC074A02F	AC08P21A02	AC08P21A02F	AC08P22A02	AC08P22A02F	AC08P23A02	AC08P23A02F	AC08P24A02	AC08P24A02F	AC09P21A02	AC09P21A02F	AC09P22A02	AC09P22A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/25/2002	11/25/2002	2/28/2002	2/28/2002	6/6/2002	6/6/2002	9/3/2002	9/3/2002	11/20/2002	11/20/2002	2/22/2002	2/22/2002	5/15/2002	5/15/2002
TOTAL XYLENES					1 U		1 U						1 U	
TRANS-1,2-DICHLOROETHENE	1 U		0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U	
TRANS-1,3-DICHLOROPROPENE					0.5 U		0.5 U						0.5 U	
TRANS-1,4-DICHLORO-2-BUTENE					5 UJ		5 U						5 U	
TRICHLOROETHENE	7.2		58		47		58		59		170		97 J	
TRICHLOROFLUOROMETHANE					0.5 U		0.5 U						0.5 U	
VINYL ACETATE					5 UJ		5 UJ						5 U	
VINYL CHLORIDE	1 U		0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U	
Semivolatile Organics (ug/L)														
1,2,4,5-TETRACHLOROBENZENE					5 U								5 U	
1,2,4-TRICHLOROBENZENE					5 U								5 U	
1,2-DICHLOROBENZENE					5 U								5 U	
1,3-DICHLOROBENZENE					5 U								5 U	
1,4-DICHLOROBENZENE					5 U								5 U	
1,4-NAPHTHOQUINONE					5 U								5 U	
1,4-PHENYLENEDIAMINE					5 UR								5 UR	
1-NAPHTHYLAMINE					5 U								5 U	
2,3,4,6-TETRACHLOROPHENOL					5 U								5 U	
2,4,5-TRICHLOROPHENOL					5 U								5 U	
2,4,6-TRICHLOROPHENOL					5 U								5 U	
2,4-DICHLOROPHENOL					5 U								5 U	
2,4-DIMETHYLPHENOL					5 U								5 U	
2,4-DINITROPHENOL					9 U								10 UJ	
2-ACETYLAMINOFLUORENE					5 U								5 U	
2-CHLORONAPHTHALENE					5 U								5 U	
2-CHLOROPHENOL					5 U								5 U	
2-METHYLNAPHTHALENE					0.1 U								0.1 U	
2-METHYLPHENOL					5 U								5 U	
2-NAPHTHYLAMINE					5 U								5 U	
2-NITROANILINE					5 U								5 U	
2-NITROPHENOL					5 U								5 U	
2-PICOLINE					5 U								5 U	
3&4-METHYLPHENOL					5 U								5 U	
3,3'-DICHLOROBENZIDINE					5 U								5 U	
3,3'-DIMETHYLBENZIDINE					5 U								5 U	
3-METHYLCHOLANTHRENE					5 U								5 U	
3-NITROANILINE					5 U								5 U	
4,6-DINITRO-2-METHYLPHENOL					5 U								5 U	
4-AMINOBIPHENYL					5 U								5 U	
4-BROMOPHENYL PHENYL ETHER					5 U								5 U	
4-CHLORO-3-METHYLPHENOL					5 U								5 U	
4-CHLOROANILINE					5 U								5 U	
4-CHLOROPHENYL PHENYL ETHER					5 U								5 U	
4-NITROANILINE					5 U								5 U	
4-NITROPHENOL					5 U								5 U	
4-NITROQUINOLINE-1-OXIDE					5 U								5 UR	
5-NITRO-O-TOLUIDINE					5 U								5 U	
7,12-DIMETHYLBENZ(A)ANTHRACENE					5 U								5 UJ	
A,A-DIMETHYLPHENETHYLAMINE					9 U								10 U	
ACENAPHTHENE					0.1 U								0.1 U	
ACENAPHTHYLENE					0.1 U								0.1 U	

LOCATION	03C07	03C07	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2
NSAMPLE	AC074A02	AC074A02-F	AC08P21A02	AC08P21A02-F	AC08P22A02	AC08P22A02-F	AC08P23A02	AC08P23A02-F	AC08P24A02	AC08P24A02-F	AC09P21A02	AC09P21A02-F	AC09P22A02	AC09P22A02-F
SAMPLE	AC074A02	AC074A02F	AC08P21A02	AC08P21A02F	AC08P22A02	AC08P22A02F	AC08P23A02	AC08P23A02F	AC08P24A02	AC08P24A02F	AC09P21A02	AC09P21A02F	AC09P22A02	AC09P22A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/25/2002	11/25/2002	2/28/2002	2/28/2002	6/6/2002	6/6/2002	9/3/2002	9/3/2002	11/20/2002	11/20/2002	2/22/2002	2/22/2002	5/15/2002	5/15/2002
ACETOPHENONE					5 U								5 U	
ANILINE					5 U								5 U	
ANTHRACENE					0.1 U								0.1 U	
ARAMITE					5 U								5 U	
BENZO(A)ANTHRACENE					0.1 U								0.1 U	
BENZO(A)PYRENE					0.1 U								0.1 U	
BENZO(B)FLUORANTHENE					0.1 U								0.1 U	
BENZO(G,H,I)PERYLENE					0.1 UJ								0.1 U	
BENZO(K)FLUORANTHENE					0.1 U								0.1 U	
BENZYL ALCOHOL					5 U								5 U	
BIS(2-CHLOROETHOXY)METHANE					5 U								5 U	
BIS(2-CHLOROETHYL)ETHER					5 U								5 U	
BIS(2-CHLOROISOPROPYL)ETHER					5 U								5 U	
BIS(2-ETHYLHEXYL)PHTHALATE					5 U								5 U	
BUTYL BENZYL PHTHALATE					5 U								5 U	
CHLOROBENZILATE					5 U								5 U	
CHRYSENE					0.1 U								0.1 U	
DI-N-BUTYL PHTHALATE					5 U								5 U	
DI-N-OCTYL PHTHALATE					5 U								5 U	
DIALLATE					5 U								5 U	
DIBENZO(A,H)ANTHRACENE					0.1 U								0.1 U	
DIBENZOFURAN					5 U								5 U	
DIETHYL PHTHALATE					5 U								5 U	
DIMETHOATE					5 U								5 U	
DIMETHYL PHTHALATE					5 U								5 U	
DIPHENYLAMINE					5 U								5 U	
DISULFOTON					5 U								5 U	
ETHYL METHANE SULFONATE					5 U								5 U	
ETHYL PARATHION					5 U								5 U	
FLUORANTHENE					0.1 U								0.1 U	
FLUORENE					0.1 U								0.1 U	
HEXACHLOROBENZENE					5 U								5 U	
HEXACHLOROBUTADIENE					5 U								5 U	
HEXACHLOROCYCLOPENTADIENE					5 UR								5 UJ	
HEXACHLOROETHANE					5 U								5 U	
HEXACHLOROPROPENE					5 U								5 U	
INDENO(1,2,3-CD)PYRENE					0.1 U								0.1 U	
ISODRIN					5 U								5 U	
ISOPHORONE					5 U								5 U	
ISOSAFROLE					5 U								5 U	
KEPONE					5 UR								5 UR	
METHAPYRILENE					5 U								5 U	
METHYL METHANE SULFONATE					5 U								5 U	
METHYL PARATHION					5 U								5 U	
N-NITROSO-DI-N-BUTYLAMINE					5 U								5 U	
N-NITROSO-DI-N-PROPYLAMINE					5 U								5 U	
N-NITROSODIETHYLAMINE					5 U								5 U	
N-NITROSODIMETHYLAMINE					5 U								5 U	
N-NITROSOMETHYLETHYLAMINE					5 U								5 U	
N-NITROSOMORPHOLINE					5 U								5 U	
N-NITROSOPIPERIDINE					5 U								5 U	

LOCATION	03C07	03C07	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2
NSAMPLE	AC074A02	AC074A02-F	AC08P21A02	AC08P21A02-F	AC08P22A02	AC08P22A02-F	AC08P23A02	AC08P23A02-F	AC08P24A02	AC08P24A02-F	AC09P21A02	AC09P21A02-F	AC09P22A02	AC09P22A02-F
SAMPLE	AC074A02	AC074A02F	AC08P21A02	AC08P21A02F	AC08P22A02	AC08P22A02F	AC08P23A02	AC08P23A02F	AC08P24A02	AC08P24A02F	AC09P21A02	AC09P21A02F	AC09P22A02	AC09P22A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/25/2002	11/25/2002	2/28/2002	2/28/2002	6/6/2002	6/6/2002	9/3/2002	9/3/2002	11/20/2002	11/20/2002	2/22/2002	2/22/2002	5/15/2002	5/15/2002
N-NITROSOPYRROLIDINE					5 U								5 U	
NAPHTHALENE					0.1 U								0.1 U	
O,O,O-TRIETHYL PHOSPHOROTHIOAT					5 U								5 U	
O-TOLUIDINE					5 U								5 U	
PENTACHLOROBENZENE					5 U								5 U	
PENTACHLOROETHANE					5 U								5 U	
PENTACHLORONITROBENZENE					5 U								5 U	
PENTACHLOROPHENOL					5 U								5 U	
PHENACETIN					5 U								5 U	
PHENANTHRENE					0.1 U								0.1 U	
PHENOL					5 U								5 U	
PHORATE					5 U								5 U	
PRONAMIDE					5 U								5 U	
PYRENE					0.1 U								0.1 U	
PYRIDINE					5 U								5 U	
SAFROLE					5 U								5 U	
SULFOTEPP					9 U								10 U	
THIONAZIN					5 U								5 U	
Pesticides/PCBs (ug/L)														
4,4'-DDD					0.1 U								0.09799 U	
4,4'-DDE					0.1 U								0.09799 U	
4,4'-DDT					0.1 U								0.09799 U	
ALDRIN					0.05099 U								0.04899 U	
ALPHA-BHC					0.05099 U								0.04899 U	
ALPHA-CHLORDANE					0.05099 U								0.04899 U	
AROCLOR-1016					1 U								0.98 U	
AROCLOR-1221					2 U								2 U	
AROCLOR-1232					1 U								0.98 U	
AROCLOR-1242					1 U								0.98 U	
AROCLOR-1248					1 U								0.98 U	
AROCLOR-1254					1 U								0.98 U	
AROCLOR-1260					1 U								0.98 U	
BETA-BHC					0.05099 U								0.04899 U	
DELTA-BHC					0.05099 U								0.04899 U	
DIELDRIN					0.1 U								0.09799 U	
ENDOSULFAN I					0.05099 U								0.04899 U	
ENDOSULFAN II					0.1 U								0.09799 U	
ENDOSULFAN SULFATE					0.1 U								0.09799 U	
ENDRIN					0.1 U								0.09799 U	
ENDRIN ALDEHYDE					0.1 U								0.09799 U	
GAMMA-BHC (LINDANE)					0.05099 U								0.04899 U	
GAMMA-CHLORDANE					0.05099 U								0.04899 U	
HEPTACHLOR					0.05099 U								0.04899 U	
HEPTACHLOR EPOXIDE					0.05099 U								0.04899 U	
METHOXYCHLOR					0.50999 U								0.49 U	
TOXAPHENE					5.1 U								4.9 U	
Explosives (ug/L)														
1,3,5-TRINITROBENZENE	1 U		0.6 U		0.81 U		0.33 U		0.76999 U		0.31 U		1.3 U	
1,3-DINITROBENZENE	1 U		0.6 U		0.81 U		0.33 U		0.76999 U		0.31 U		1.3 U	
2,4,6-TRINITROTOLUENE	1 U		0.6 U		0.81 U		0.33 U		0.76999 U		0.31 U		1.3 U	
2,4-DINITROTOLUENE	1 U		0.6 U		0.81 U		0.33 U		0.76999 U		0.31 U		1.3 U	

LOCATION	03C07	03C07	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2
NSAMPLE	AC074A02	AC074A02-F	AC08P21A02	AC08P21A02-F	AC08P22A02	AC08P22A02-F	AC08P23A02	AC08P23A02-F	AC08P24A02	AC08P24A02-F	AC09P21A02	AC09P21A02-F	AC09P22A02	AC09P22A02-F
SAMPLE	AC074A02	AC074A02F	AC08P21A02	AC08P21A02F	AC08P22A02	AC08P22A02F	AC08P23A02	AC08P23A02F	AC08P24A02	AC08P24A02F	AC09P21A02	AC09P21A02F	AC09P22A02	AC09P22A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/25/2002	11/25/2002	2/28/2002	2/28/2002	6/6/2002	6/6/2002	9/3/2002	9/3/2002	11/20/2002	11/20/2002	2/22/2002	2/22/2002	5/15/2002	5/15/2002
2,6-DINITROTOLUENE	1 U		0.6 U		0.81 U		0.33 U		0.76999 U		0.31 U		1.3 U	
2-AMINO-4,6-DINITROTOLUENE	1 U		2.7		2.5		2.4		2.5		0.31 U		1.3 U	
2-NITROTOLUENE	1 U		0.6 U		0.81 U		0.33 U		0.76999 U		0.31 U		1.3 U	
3-NITROTOLUENE	1 U		0.6 U		0.81 U		0.33 U		0.76999 U		0.31 U		1.3 U	
4-AMINO-2,6-DINITROTOLUENE	1 U		3.7		3.1		3.2		3.3 J		0.31 U		1.3 U	
4-NITROTOLUENE	1 U		0.6 U		0.81 U		0.33 U		0.76999 U		0.31 U		1.3 U	
HMX	14		33		35		32		30		5		4.7	
NITROBENZENE	1 U		0.6 U		0.81 U		0.33 U		0.76999 U		0.31 U		1.3 U	
NITROCELLULOSE	1000 U		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U	
NITROGLYCERIN	5.3 U		12 U		8.1 U		6.5 U		3.9 U		6.1 U		13 UJ	
PETN	2.6 U		5.9 U		4 U		3.2 U		1.9 U		3 U		6.4 U	
RDX	45		89		96		99		89		190		190	
TETRYL	1 U		0.6 UJ		0.81 U		0.33 U		0.76999 U		0.31 UJ		1.3 U	
Herbicides (ug/L)														
2,4,5-T					0.07999 U								0.07999 U	
2,4,5-TP (SILVEX)					0.07999 U								0.07999 U	
2,4-D					0.07999 U								0.07999 U	
DINOSEB					0.07999 U								0.07999 U	
HEXACHLOROPHENE					0.025 U								0.025 U	
Dioxins/Furans (pg/L)														
1,2,3,4,6,7,8,9-OCDD					15.4 U								9.9 U	
1,2,3,4,6,7,8,9-OCDF					12.3 U								8.1 U	
1,2,3,4,6,7,8-HPCDD					7.3 U								5.9 U	
1,2,3,4,6,7,8-HPCDF					3.7 U								3.7 U	
1,2,3,4,7,8,9-HPCDF					5.1 U								4.6 U	
1,2,3,6,7,8-HXCDD					4.1 U								3.5 U	
1,2,3,6,7,8-HXCDF					2.2 U								2.5 U	
1,2,3,7,8,9-HXCDD					4.4 U								3.6 U	
1,2,3,7,8,9-HXCDF					3.2 U								3.4 U	
1,2,3,7,8-PECDD					4.1 U								3.6 U	
1,2,3,7,8-PECDF					3.3 U								2.8 J	
2,3,4,6,7,8-HXCDF					2.4 U								2.9 U	
2,3,4,7,8-PECDF					3.5 U								2.6 U	
2,3,7,8-TCDD					3.8 U								3 U	
2,3,7,8-TCDF					2.3 U								2.5 U	
TOTAL HPCDD					7.3 U								5.9 U	
TOTAL HPCDF					4.3 U								4.1 U	
TOTAL HXCDD					4.2 U								3.6 U	
TOTAL HXCDF					2.4 U								2.8 U	
TOTAL PECDD					4.1 U								3.6 U	
TOTAL PECDF					3.4 U								2.8	
TOTAL TCDD					3.8 U								3 U	
TOTAL TCDF					2.3 U								2.5 U	
Total Inorganics (ug/L)														
ANTIMONY	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
ARSENIC	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
BARIUM	29.4		64.8		62.5		57.1		59.9		13.7		13	
BERYLLIUM	1.1 U		1.1 UJ		1.1 U		1.1 U		1.1 U		1.1 UJ		1.1 U	
CADMIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
CHROMIUM	5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U	
COBALT	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U	

LOCATION	03C07	03C07	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2
NSAMPLE	AC074A02	AC074A02-F	AC08P21A02	AC08P21A02-F	AC08P22A02	AC08P22A02-F	AC08P23A02	AC08P23A02-F	AC08P24A02	AC08P24A02-F	AC09P21A02	AC09P21A02-F	AC09P22A02	AC09P22A02-F
SAMPLE	AC074A02	AC074A02F	AC08P21A02	AC08P21A02F	AC08P22A02	AC08P22A02F	AC08P23A02	AC08P23A02F	AC08P24A02	AC08P24A02F	AC09P21A02	AC09P21A02F	AC09P22A02	AC09P22A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/25/2002	11/25/2002	2/28/2002	2/28/2002	6/6/2002	6/6/2002	9/3/2002	9/3/2002	11/20/2002	11/20/2002	2/22/2002	2/22/2002	5/15/2002	5/15/2002
COPPER	2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U	
LEAD	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
MERCURY	0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U	
NICKEL	11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U	
SELENIUM	1.1		1.8		1.1 U		1.1 U		1.1 U		1.7		1.1 U	
SILVER	3.3 U		3.3 U		222 U		3.3 U		3.3 U		3.3 U		3.3 U	
THALLIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
TIN	11.1 U		11.1 UJ		11.1 U		11.1 U		11.1 U		11.1 UJ		11.1 U	
VANADIUM	2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U	
ZINC	11.1 U		11.1 U		11.1 U		13.7		11.1 U		33.3		11.1 U	
Dissolved Inorganics (ug/L)														
ANTIMONY		1 U		1 U		1 U		1 U		1 U		1 U		1 U
ARSENIC		1 U		1 U		1 U		1 U		1 U		1 U		1 U
BARIUM		28.8		79.4		56.7		51.6		55		15.3		12
BERYLLIUM		1 U		1 UJ		1 U		1 U		1 U		1 UJ		1 U
CADMIUM		1 U		1 U		1 U		1 U		1 U		1 U		1 U
CALCIUM		104000		117000		118000		115000		126000		72400		63800
CHROMIUM		5 U		6.1		5 U		5 U		5 U		5 U		5 U
COBALT		3 U		3 U		3 U		3 U		3 U		3 U		3 U
COPPER		2 U		2 U		2 U		2 U		2 U		2 U		2 U
LEAD		1 U		1 U		1 U		1 U		1 U		1 U		1 U
MAGNESIUM		42000		51200		44200		42500		41400		15600		11800
MERCURY		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U
NICKEL		10 U		10 U		10 U		10 U		10 U		10 U		10 U
POTASSIUM		1660		31100		12300		9000		9530		1470		1090
SELENIUM		1.4		1 U		1 U		1 U		1 U		1.1		1 U
SILVER		3 U		3 U		200 U		200 U		3 U		3 U		3 U
SODIUM		21300		24100		15100		13500		14500		5230		4320
THALLIUM		1 U		1 U		1 U		1 U		1 U		1 U		1 U
TIN		10 U		10 UJ		10 U		10 U		10 U		10 UJ		10 U
VANADIUM		2 U		2 U		2 U		2 U		2 U		2 U		2 U
ZINC		10 U		10 UJ		10 U		10 U		10 U		10 UJ		178
Miscellaneous Parameters (mg/L)														
CHLORIDE	7		11 J		13		10		12		5		5	
CYANIDE	0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U	
PHOSPHORUS (ELEMENTAL)	0.1 U		0.1 U		0.1 U		0.1 U		0.1 U		0.23 J		0.1 U	
SULFATE	88		140		130		130		140		46		39 J	
SULFIDE					1 U								1 U	
TOTAL ORGANIC CARBON	1		2.5		1 U		1 U		1.1 J		2.5		1 U	
TOTAL ORGANIC HALIDES	0.05 U		0.05		0.05 J		0.05		0.05 U		0.14		0.12999	
Dissolved Miscellaneous Parameters (mg/L)														
PHOSPHORUS (ELEMENTAL)		0.1 U		0.1 U		0.1 U		0.1 U		0.1 U		0.20999 J		0.1 U

LOCATION	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15
NSAMPLE	AC09P23A02	AC09P23A02-F	AC09P23B02	AC09P24A02	AC09P24A02-F	AC151A02	AC151A02-D	AC151A02-F	AC151A02-F-D	AC152A02	AC152A02-D	AC152A02-F	AC152A02-F-D	AC153A02	AC153A02-D
SAMPLE	AC09P23A02	AC09P23A02F	AC09P23B02	AC09P24A02	AC09P24A02F	AC151A02	FD03060201	AC151A02F	FD03060201F	AC152A02	FD06050201	AC152A02F	FD06050201F	AC153A02	FD08210201
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	8/29/2002	8/29/2002	9/4/2002	11/6/2002	11/6/2002	3/6/2002	3/6/2002	3/6/2002	3/6/2002	6/5/2002	6/5/2002	6/5/2002	6/5/2002	8/21/2002	8/21/2002
Volatile Organics (ug/L)															
1,1,1,2-TETRACHLOROETHANE			0.5 U							0.5 UJ	0.5 UJ			0.5 U	0.5 U
1,1,1-TRICHLOROETHANE			0.5 U							0.5 U	0.5 U			0.5 U	0.5 U
1,1,2,2-TETRACHLOROETHANE			0.3 U							0.3 U	0.3 U			0.3 U	0.3 U
1,1,2-TRICHLOROETHANE			0.5 U							0.5 U	0.5 U			0.5 U	0.5 U
1,1-DICHLOROETHANE			0.5 U							0.5 U	0.5 U			0.5 U	0.5 U
1,1-DICHLOROETHENE			0.5 U	1 U		0.5 U	0.5 U			0.5 U	0.5 U			0.5 U	0.5 U
1,2,3-TRICHLOROBENZENE			0.5 UJ							0.5 U	0.5 U			0.5 UJ	0.5 UJ
1,2,3-TRICHLOROPROPANE			1 U							1 U	1 U			1 U	1 U
1,2-DIBROMO-3-CHLOROPROPANE			0.5 UJ							0.5 UJ	0.5 UJ			0.5 U	0.5 U
1,2-DIBROMOETHANE			0.5 U							0.5 U	0.5 U			0.5 U	0.5 U
1,2-DICHLOROETHANE			9.6							0.3 U	0.3 U			0.3 U	0.3 U
1,2-DICHLOROPROPANE			0.5 U							0.5 U	0.5 U			0.5 U	0.5 U
1,4-DIOXANE										100 U	100 U				
2,2-DICHLOROPROPANE			0.5 UJ							0.5 U	0.5 U			0.5 U	0.5 U
2-BUTANONE			5 U							5 UJ	5 UJ			5 U	5 U
2-HEXANONE			5 U							5 U	5 U			5 UJ	5 UJ
3-CHLOROPROPENE			5 U							5 UJ	5 UJ			5 U	5 U
4-METHYL-2-PENTANONE			5 U							5 UJ	5 UJ			5 U	5 U
ACETONE			5 UJ							5 UJ	5 UJ			5 UJ	5 UJ
ACETONITRILE										40 U	40 U				
ACROLEIN			5 UJ							5 UJ	5 UJ			5 U	5 U
ACRYLONITRILE			5 U							5 UJ	5 UJ			5 U	5 U
BENZENE			0.3 U							0.3 U	0.3 U			0.3 U	0.3 U
BROMOCHLOROMETHANE			0.5 U							0.5 U	0.5 U			0.5 U	0.5 U
BROMODICHLOROMETHANE			0.3 U							0.3 U	0.3 U			0.3 U	0.3 U
BROMOFORM			0.5 U							0.5 UJ	0.5 UJ			0.5 U	0.5 U
BROMOMETHANE			1 U							1 U	1 U			1 U	1 U
CARBON DISULFIDE			0.5 U							0.5 U	0.5 U			0.5 U	0.5 U
CARBON TETRACHLORIDE			0.3 U							0.3 U	0.3 U			0.3 U	0.3 U
CHLOROBENZENE			0.5 U							0.5 U	0.5 U			0.5 U	0.5 U
CHLORODIBROMOMETHANE			0.5 U							0.5 U	0.5 U			0.5 U	0.5 U
CHLOROETHANE			0.5 U							0.5 U	0.5 U			0.5 U	0.5 U
CHLOROFORM			0.8							0.3 U	0.3 U			0.3 U	0.3 U
CHLOROMETHANE			0.5 U							0.5 UJ	0.5 UJ			0.5 U	0.5 U
CHLOROPRENE			5 UJ							5 U	5 U			5 U	5 U
CIS-1,2-DICHLOROETHENE			0.5 U	1 U		0.5 U	0.5 U			0.5 U	0.5 U			0.5 U	0.5 U
CIS-1,3-DICHLOROPROPENE			0.3 U							0.3 U	0.3 U			0.3 U	0.3 U
DIBROMOMETHANE			0.5 U							0.5 U	0.5 U			0.5 U	0.5 U
DICHLORODIFLUOROMETHANE			0.5 U							0.5 UJ	0.5 UJ			0.5 UJ	0.5 UJ
ETHYL METHACRYLATE			5 U							5 U	5 U			5 U	5 U
ETHYLBENZENE			0.5 U							0.5 U	0.5 U			0.5 U	0.5 U
ISOBUTANOL										40 U	40 U				
METHACRYLONITRILE			5 U							5 UJ	5 UJ			5 U	5 U
METHYL IODIDE			5 UJ							5 UJ	5 UJ			5 UJ	5 UJ
METHYL METHACRYLATE			5 U							5 UJ	5 UJ			5 U	5 U
METHYLENE CHLORIDE			1 UJ							1 UJ	1 UJ			1 UJ	1 UJ
PROPIONITRILE										40 U	40 U				
STYRENE			0.5 U							0.5 U	0.5 U			0.5 U	0.5 U
TETRACHLOROETHENE			0.5 U							0.5 U	0.5 U			0.5 U	0.5 U
TOLUENE			0.5 U							0.5 U	0.5 U			0.5 U	0.5 U

LOCATION	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15
NSAMPLE	AC09P23A02	AC09P23A02-F	AC09P23B02	AC09P24A02	AC09P24A02-F	AC151A02	AC151A02-D	AC151A02-F	AC151A02-F-D	AC152A02	AC152A02-D	AC152A02-F	AC152A02-F-D	AC153A02	AC153A02-D
SAMPLE	AC09P23A02	AC09P23A02F	AC09P23B02	AC09P24A02	AC09P24A02F	AC151A02	FD03060201	AC151A02F	FD03060201F	AC152A02	FD06050201	AC152A02F	FD06050201F	AC153A02	FD08210201
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	8/29/2002	8/29/2002	9/4/2002	11/6/2002	11/6/2002	3/6/2002	3/6/2002	3/6/2002	3/6/2002	6/5/2002	6/5/2002	6/5/2002	6/5/2002	8/21/2002	8/21/2002
TOTAL XYLENES			1 U							1 U	1 U			1 U	1 U
TRANS-1,2-DICHLOROETHENE			0.5 U	1 U		0.5 U	0.5 U			0.5 U	0.5 U			0.5 U	0.5 U
TRANS-1,3-DICHLOROPROPENE			0.5 U							0.5 U	0.5 U			0.5 U	0.5 U
TRANS-1,4-DICHLORO-2-BUTENE			5 U							5 UJ	5 UJ			5 U	5 U
TRICHLOROETHENE			190	160		0.5 U	0.5 U			0.5 U	0.5 U			0.5 U	0.5 U
TRICHLOROFLUOROMETHANE			0.5 U							0.5 U	0.5 U			0.5 UJ	0.5 UJ
VINYL ACETATE			5 UJ							5 UJ	5 UJ			5 U	5 U
VINYL CHLORIDE			0.5 U	1 U		0.5 U	0.5 U			0.5 U	0.5 U			0.5 U	0.5 U
Semivolatile Organics (ug/L)															
1,2,4,5-TETRACHLOROBENZENE										5 U	5 U				
1,2,4-TRICHLOROBENZENE										5 U	5 U				
1,2-DICHLOROBENZENE										5 U	5 U				
1,3-DICHLOROBENZENE										5 U	5 U				
1,4-DICHLOROBENZENE										5 U	5 U				
1,4-NAPHTHOQUINONE										5 U	5 U				
1,4-PHENYLENEDIAMINE										5 UR	5 UR				
1-NAPHTHYLAMINE										5 U	5 U				
2,3,4,6-TETRACHLOROPHENOL										5 U	5 U				
2,4,5-TRICHLOROPHENOL										5 U	5 U				
2,4,6-TRICHLOROPHENOL										5 U	5 U				
2,4-DICHLOROPHENOL										5 U	5 U				
2,4-DIMETHYLPHENOL										5 U	5 U				
2,4-DINITROPHENOL										10 U	10 U				
2-ACETYLAMINOFLUORENE										5 U	5 U				
2-CHLORONAPHTHALENE										5 U	5 U				
2-CHLOROPHENOL										5 U	5 U				
2-METHYLNAPHTHALENE										0.1 U	0.1 U				
2-METHYLPHENOL										5 U	5 U				
2-NAPHTHYLAMINE										5 U	5 U				
2-NITROANILINE										5 U	5 U				
2-NITROPHENOL										5 U	5 U				
2-PICOLINE										5 U	5 U				
3&4-METHYLPHENOL										5 U	5 U				
3,3'-DICHLOROBENZIDINE										5 U	5 U				
3,3'-DIMETHYLBENZIDINE										5 U	5 U				
3-METHYLCHOLANTHRENE										5 U	5 U				
3-NITROANILINE										5 U	5 U				
4,6-DINITRO-2-METHYLPHENOL										5 U	5 U				
4-AMINOBIPHENYL										5 U	5 U				
4-BROMOPHENYL PHENYL ETHER										5 U	5 U				
4-CHLORO-3-METHYLPHENOL										5 U	5 U				
4-CHLOROANILINE										5 U	5 U				
4-CHLOROPHENYL PHENYL ETHER										5 U	5 U				
4-NITROANILINE										5 U	5 U				
4-NITROPHENOL										5 U	5 U				
4-NITROQUINOLINE-1-OXIDE										5 U	5 U				
5-NITRO-O-TOLUIDINE										5 U	5 U				
7,12-DIMETHYLBENZ(A)ANTHRACENE										5 U	5 U				
A,A-DIMETHYLPHENETHYLAMINE										10 U	10 U				
ACENAPHTHENE										0.1 U	0.1 U				
ACENAPHTHYLENE										0.1 U	0.1 U				

LOCATION	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15
NSAMPLE	AC09P23A02	AC09P23A02-F	AC09P23B02	AC09P24A02	AC09P24A02-F	AC151A02	AC151A02-D	AC151A02-F	AC151A02-F-D	AC152A02	AC152A02-D	AC152A02-F	AC152A02-F-D	AC153A02	AC153A02-D
SAMPLE	AC09P23A02	AC09P23A02F	AC09P23B02	AC09P24A02	AC09P24A02F	AC151A02	FD03060201	AC151A02F	FD03060201F	AC152A02	FD06050201	AC152A02F	FD06050201F	AC153A02	FD08210201
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	8/29/2002	8/29/2002	9/4/2002	11/6/2002	11/6/2002	3/6/2002	3/6/2002	3/6/2002	3/6/2002	6/5/2002	6/5/2002	6/5/2002	6/5/2002	8/21/2002	8/21/2002
ACETOPHENONE										5 U	5 U				
ANILINE										5 U	5 U				
ANTHRACENE										0.1 U	0.1 U				
ARAMITE										5 U	5 U				
BENZO(A)ANTHRACENE										0.1 U	0.1 U				
BENZO(A)PYRENE										0.1 U	0.1 U				
BENZO(B)FLUORANTHENE										0.1 U	0.1 U				
BENZO(G,H,I)PERYLENE										0.1 UJ	0.1 UJ				
BENZO(K)FLUORANTHENE										0.1 U	0.1 U				
BENZYL ALCOHOL										5 U	5 U				
BIS(2-CHLOROETHOXY)METHANE										5 U	5 U				
BIS(2-CHLOROETHYL)ETHER										5 U	5 U				
BIS(2-CHLOROISOPROPYL)ETHER										5 U	5 U				
BIS(2-ETHYLHEXYL)PHTHALATE										5 U	5 U				
BUTYL BENZYL PHTHALATE										5 U	5 U				
CHLOROBENZILATE										5 U	5 U				
CHRYSENE										0.1 U	0.1 U				
DI-N-BUTYL PHTHALATE										5 U	5 U				
DI-N-OCTYL PHTHALATE										5 U	5 U				
DIALLATE										5 U	5 U				
DIBENZO(A,H)ANTHRACENE										0.1 U	0.1 U				
DIBENZOFURAN										5 U	5 U				
DIETHYL PHTHALATE										5 U	5 U				
DIMETHOATE										5 U	5 U				
DIMETHYL PHTHALATE										5 U	5 U				
DIPHENYLAMINE										5 U	5 U				
DISULFOTON										5 U	5 U				
ETHYL METHANE SULFONATE										5 U	5 U				
ETHYL PARATHION										5 U	5 U				
FLUORANTHENE										0.1 U	0.1 U				
FLUORENE										0.1 U	0.1 U				
HEXACHLOROBENZENE										5 U	5 U				
HEXACHLOROBUTADIENE										5 U	5 U				
HEXACHLOROCYCLOPENTADIENE										5 UR	5 U				
HEXACHLOROETHANE										5 U	5 U				
HEXACHLOROPROPENE										5 U	5 U				
INDENO(1,2,3-CD)PYRENE										0.1 U	0.1 U				
ISODRIN										5 U	5 U				
ISOPHORONE										5 U	5 U				
ISOSAFROLE										5 U	5 U				
KEPONE										5 UR	5 UR				
METHAPYRILENE										5 U	5 U				
METHYL METHANE SULFONATE										5 U	5 U				
METHYL PARATHION										5 U	5 U				
N-NITROSO-DI-N-BUTYLAMINE										5 U	5 U				
N-NITROSO-DI-N-PROPYLAMINE										5 U	5 U				
N-NITROSODIETHYLAMINE										5 U	5 U				
N-NITROSODIMETHYLAMINE										5 U	5 U				
N-NITROSOMETHYLETHYLAMINE										5 U	5 U				
N-NITROSOMORPHOLINE										5 U	5 U				
N-NITROSOPIPERIDINE										5 U	5 U				

LOCATION	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15
NSAMPLE	AC09P23A02	AC09P23A02-F	AC09P23B02	AC09P24A02	AC09P24A02-F	AC151A02	AC151A02-D	AC151A02-F	AC151A02-F-D	AC152A02	AC152A02-D	AC152A02-F	AC152A02-F-D	AC153A02	AC153A02-D
SAMPLE	AC09P23A02	AC09P23A02F	AC09P23B02	AC09P24A02	AC09P24A02F	AC151A02	FD03060201	AC151A02F	FD03060201F	AC152A02	FD06050201	AC152A02F	FD06050201F	AC153A02	FD08210201
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	8/29/2002	8/29/2002	9/4/2002	11/6/2002	11/6/2002	3/6/2002	3/6/2002	3/6/2002	3/6/2002	6/5/2002	6/5/2002	6/5/2002	6/5/2002	8/21/2002	8/21/2002
N-NITROSOPYRROLIDINE										5 U	5 U				
NAPHTHALENE										0.1 U	0.1 U				
O,O,O-TRIETHYL PHOSPHOROTHIOAT										5 U	5 U				
O-TOLUIDINE										5 U	5 U				
PENTACHLOROBENZENE										5 U	5 U				
PENTACHLOROETHANE										5 U	5 U				
PENTACHLORONITROBENZENE										5 U	5 U				
PENTACHLOROPHENOL										5 U	5 U				
PHENACETIN										5 U	5 U				
PHENANTHRENE										0.1 U	0.1 U				
PHENOL										5 U	5 U				
PHORATE										5 U	5 U				
PRONAMIDE										5 U	5 U				
PYRENE										0.1 U	0.1 U				
PYRIDINE										5 U	5 U				
SAFROLE										5 U	5 U				
SULFOTEPP										10 U	10 U				
THIONAZIN										5 U	5 U				
Pesticides/PCBs (ug/L)															
4,4'-DDD										0.09899 U	0.096 U				
4,4'-DDE										0.09899 U	0.096 U				
4,4'-DDT										0.09899 U	0.096 U				
ALDRIN										0.05 U	0.048 U				
ALPHA-BHC										0.05 U	0.048 U				
ALPHA-CHLORDANE										0.05 U	0.048 U				
AROCLOR-1016										0.99 U	0.95999 U				
AROCLOR-1221										2 U	1.9 U				
AROCLOR-1232										0.99 U	0.95999 U				
AROCLOR-1242										0.99 U	0.95999 U				
AROCLOR-1248										0.99 U	0.95999 U				
AROCLOR-1254										0.99 U	0.95999 U				
AROCLOR-1260										0.99 U	0.95999 U				
BETA-BHC										0.05 U	0.048 U				
DELTA-BHC										0.05 U	0.048 U				
DIELDRIN										0.09899 U	0.096 U				
ENDOSULFAN I										0.05 U	0.048 U				
ENDOSULFAN II										0.09899 U	0.096 U				
ENDOSULFAN SULFATE										0.09899 U	0.096 U				
ENDRIN										0.09899 U	0.096 U				
ENDRIN ALDEHYDE										0.09899 U	0.096 U				
GAMMA-BHC (LINDANE)										0.05 U	0.048 U				
GAMMA-CHLORDANE										0.05 U	0.048 U				
HEPTACHLOR										0.05 U	0.048 U				
HEPTACHLOR EPOXIDE										0.05 U	0.048 U				
METHOXYCHLOR										0.5 U	0.47999 U				
TOXAPHENE										5 U	4.8 U				
Explosives (ug/L)															
1,3,5-TRINITROBENZENE	0.46 U			1.2 U		0.34 U	0.44999 U			0.92 U	0.68999 U			0.47999 U	0.46999 U
1,3-DINITROBENZENE	0.46 U			1.2 U		0.34 U	0.44999 U			0.92 U	0.68999 U			0.47999 U	0.46999 U
2,4,6-TRINITROTOLUENE	0.46 U			1.2 U		0.34 U	0.44999 U			0.92 U	0.68999 U			0.47999 U	0.46999 U
2,4-DINITROTOLUENE	0.46 U			1.2 U		0.34 U	0.44999 U			0.92 U	0.68999 U			0.47999 U	0.46999 U

LOCATION	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15
NSAMPLE	AC09P23A02	AC09P23A02-F	AC09P23B02	AC09P24A02	AC09P24A02-F	AC151A02	AC151A02-D	AC151A02-F	AC151A02-F-D	AC152A02	AC152A02-D	AC152A02-F	AC152A02-F-D	AC153A02	AC153A02-D
SAMPLE	AC09P23A02	AC09P23A02F	AC09P23B02	AC09P24A02	AC09P24A02F	AC151A02	FD03060201	AC151A02F	FD03060201F	AC152A02	FD06050201	AC152A02F	FD06050201F	AC153A02	FD08210201
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	8/29/2002	8/29/2002	9/4/2002	11/6/2002	11/6/2002	3/6/2002	3/6/2002	3/6/2002	3/6/2002	6/5/2002	6/5/2002	6/5/2002	6/5/2002	8/21/2002	8/21/2002
2,6-DINITROTOLUENE	0.46 U			1.2 U		0.34 U	0.44999 U			0.92 U	0.68999 U			0.47999 U	0.46999 U
2-AMINO-4,6-DINITROTOLUENE	0.46 U			1.2 U		0.34 U	0.44999 U			0.92 U	0.68999 U			0.47999 U	0.46999 U
2-NITROTOLUENE	0.46 U			1.2 U		0.34 U	0.44999 U			0.92 U	0.68999 U			0.47999 U	0.46999 U
3-NITROTOLUENE	0.46 U			1.2 U		0.34 U	0.44999 U			0.92 U	0.68999 U			0.47999 U	0.46999 U
4-AMINO-2,6-DINITROTOLUENE	0.46 UJ			1.2 U		0.34 U	0.44999 U			0.92 U	0.68999 U			0.47999 UJ	0.46999 UJ
4-NITROTOLUENE	0.46 U			1.2 U		0.34 U	0.44999 U			0.92 U	0.68999 U			0.47999 U	0.46999 U
HMX	5.3			4.7		0.34 U	0.44999 U			0.92 U	0.68999 U			0.47999 U	0.46999 U
NITROBENZENE	0.46 U			1.2 U		0.34 U	0.44999 U			0.92 U	0.68999 U			0.47999 U	0.46999 U
NITROCELLULOSE	1000 U			1000 U		1000 U	1000 U			1000 U	1000 U			1000 U	1900
NITROGLYCERIN	4 U			6 U		6.8 U	9 U			9.2 U	6.9 U			9.6 U	9.5 U
PETN	2 U			2.9 U		3.3 U	4.4 U			4.5 U	3.4 U			4.7 U	4.7 U
RDX	230			180		0.34 U	0.44999 U			0.87 U	0.64999 U			0.47999 U	0.46999 U
TETRYL	0.46 U			1.2 U		0.34 UJ	0.44999 UJ			0.92 U	0.68999 U			0.47999 U	0.46999 U
Herbicides (ug/L)															
2,4,5-T										0.07999 U	0.07999 U				
2,4,5-TP (SILVEX)										0.07999 U	0.07999 U				
2,4-D										0.07999 U	0.07999 U				
DINOSEB										0.07999 U	0.07999 U				
HEXACHLOROPHENE										0.025 U	0.025 U				
Dioxins/Furans (pg/L)															
1,2,3,4,6,7,8,9-OCDD										23.4 U	12.2 U				
1,2,3,4,6,7,8,9-OCDF										18.8 U	9.8 U				
1,2,3,4,6,7,8-HPCDD										12 U	5.9 U				
1,2,3,4,6,7,8-HPCDF										6.6 U	3.2 U				
1,2,3,4,7,8,9-HPCDF										9.1 U	4.5 U				
1,2,3,6,7,8-HXCDD										6.9 U	3.5 U				
1,2,3,6,7,8-HXCDF										4 U	5.4 J				
1,2,3,7,8,9-HXCDD										7.5 U	3.7 U				
1,2,3,7,8,9-HXCDF										5.8 U	2.8 U				
1,2,3,7,8-PECDD										6.2 U	3.5 U				
1,2,3,7,8-PECDF										5.1 U	3.8 U				
2,3,4,6,7,8-HXCDF										4.3 U	2.1 U				
2,3,4,7,8-PECDF										5.3 U	3.9 U				
2,3,7,8-TCDD										5.8 U	3.5 U				
2,3,7,8-TCDF										4.5 U	2.2 U				
TOTAL HPCDD										12 U	5.9 U				
TOTAL HPCDF										7.6 U	3.8 U				
TOTAL HXCDD										7.1 U	3.6 U				
TOTAL HXCDF										4.4 U	5.4				
TOTAL PECDD										6.2 U	3.5 U				
TOTAL PECDF										5.2 U	3.8 U				
TOTAL TCDD										5.8 U	3.5 U				
TOTAL TCDF										4.5 U	2.2 U				
Total Inorganics (ug/L)															
ANTIMONY	1.1 U			1.1 U		1.1 U	1.1 U			1.1 U	1.1 U			1.1 U	1.1 U
ARSENIC	1.1 U			2.5		1.1 U	1.1 U			1.1 U	1.1 U			1.1 U	1.1 U
BARIUM	14.1			19.6		25.9	26.4			27.8	26.8			26.5	25.9
BERYLLIUM	1.1 U			1.1 U		1.1 UJ	1.1 UJ			1.1 U	1.1 U			1.1 U	1.1 U
CADMIUM	1.1 U			1.1 U		1.1 U	1.1 U			1.1 U	1.1 U			1.1 U	1.1 U
CHROMIUM	5.6 U			5.6 U		5.6 U	5.6 U			5.6 U	5.6 U			5.6 U	5.6 U
COBALT	3.3 U			3.3 U		3.3 U	3.3 U			3.3 U	3.3 U			3.3 U	3.3 U

LOCATION	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15
NSAMPLE	AC09P23A02	AC09P23A02-F	AC09P23B02	AC09P24A02	AC09P24A02-F	AC151A02	AC151A02-D	AC151A02-F	AC151A02-F-D	AC152A02	AC152A02-D	AC152A02-F	AC152A02-F-D	AC153A02	AC153A02-D
SAMPLE	AC09P23A02	AC09P23A02F	AC09P23B02	AC09P24A02	AC09P24A02F	AC151A02	FD03060201	AC151A02F	FD03060201F	AC152A02	FD06050201	AC152A02F	FD06050201F	AC153A02	FD08210201
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	8/29/2002	8/29/2002	9/4/2002	11/6/2002	11/6/2002	3/6/2002	3/6/2002	3/6/2002	3/6/2002	6/5/2002	6/5/2002	6/5/2002	6/5/2002	8/21/2002	8/21/2002
COPPER	2.2 U			2.2 U		2.2 U	2.2 U			2.2 U	2.2 U			2.2 U	2.2 U
LEAD	1.1 U			1.6		1.1 U	1.1 U			1.1 U	1.1 U			1.1 U	1.1 U
MERCURY	0.2 U			0.2 U		0.2 U	0.2 U			0.2 U	0.2 U			0.2 U	0.2 U
NICKEL	11.1 U			11.1 U		11.1 U	11.1 U			11.1 U	11.1 U			11.1 U	11.1 U
SELENIUM	1.1 U			1.1 U		1.8	2.6			1.1 U	1.1 U			1.1 U	1.1 U
SILVER	3.3 U			3.3 U		3.3 U	3.3 U			222 U	222 U			3.3 U	3.3 U
THALLIUM	1.1 U			1.1 U		1.1 U	1.1 U			1.1 U	1.1 U			1.1 U	1.1 U
TIN	11.1 U			11.1 U		11.1 UJ	11.1 UJ			11.1 U	11.1 U			11.1 U	11.1 U
VANADIUM	2.2 U			2.6		2.2 U	2.2 U			2.2 U	2.2 U			2.2 U	2.2 U
ZINC	11.1 U			11.1 U		11.1 U	11.1 U			11.1 U	117			11.1 U	11.1 U
Dissolved Inorganics (ug/L)															
ANTIMONY		1 U			1 U			1 U	1 U			1 U	1 U		
ARSENIC		1 U			1 U			1 U	1 U			1 U	1 U		
BARIUM		11.7			13.5			28.2	28.5			27.1	27		
BERYLLIUM		1 U			1 U			1 UJ	1 UJ			1 U	1 U		
CADMIUM		1 U			1 U			1 U	1 U			1 U	1 U		
CALCIUM		69000			77000			99500	99900			96100	94000		
CHROMIUM		5 U			5 U			5 U	5 U			5 U	5 U		
COBALT		3 U			3 U			3 U	3 U			3 U	3 U		
COPPER		2 U			6			2 U	2 U			2 U	2 U		
LEAD		1 U			1 U			1 U	1 U			1.2	1 U		
MAGNESIUM		13400			12900			46400	45000			37500	38100		
MERCURY		0.2 U			0.2 U			0.2 U	0.2 U			0.2 U	0.2 U		
NICKEL		10 U			10 U			10 U	10 U			10 U	10 U		
POTASSIUM		1130			1130			2230	2250			1740	1780		
SELENIUM		1 U			1 U			1 U	1 U			1 U	1 U		
SILVER		200 U			3 U			3 U	3 U			200 U	200 U		
SODIUM		4340			5480			21800	21500			16600	16900		
THALLIUM		1 U			1 U			1 U	1 U			1 U	1 U		
TIN		10 U			10 U			10 UJ	10 UJ			10 U	10 U		
VANADIUM		2 U			2 U			2 U	2 U			2 U	2 U		
ZINC		10 U			175			10 UJ	10 UJ			102	10 U		
Miscellaneous Parameters (mg/L)															
CHLORIDE	5			5		6	6			7	7			6	6
CYANIDE	0.00999 U			0.00999 UJ		0.00999 U	0.00999 U			0.00999 U	0.00999 U			0.00999 U	0.00999 U
PHOSPHORUS (ELEMENTAL)	0.1 U			0.1 U		0.18 J	0.10999 J			0.1 U	0.1 U			0.1 U	0.1 U
SULFATE	43			47		78	120			110	100			150	150
SULFIDE										1 U	1 U				
TOTAL ORGANIC CARBON	1 U			1 UJ		1 U	1 U			1 U	1 U			1 U	1 U
TOTAL ORGANIC HALIDES	0.12999			0.15		0.05 U	0.05 U			0.05 UJ	0.05 UJ			0.05 U	0.05 U
Dissolved Miscellaneous Parameters (mg/L)															
PHOSPHORUS (ELEMENTAL)		0.1 U			0.1 U			0.15 J	0.18999 J			0.1 U	0.1 U		

LOCATION	03C15	03C15	03C15	03C15	03C15	03C15	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17
NSAMPLE	AC153A02-F	AC153A02-F-D	AC154A02	AC154A02-D	AC154A02-F	AC154A02-F-D	AC171A02	AC171A02-D	AC171A02-F	AC171A02-F-D	AC172A02	AC172A02-F	AC173A02	AC173A02-D	AC173A02-F
SAMPLE	AC153A02F	FD08210201F	AC154A02	FD11260201	AC154A02F	FD11260201F	AC171A02	FD03050201	AC171A02F	FD03050201F	AC172A02	AC172A02F	AC173A02	FD09050201	AC173A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	8/21/2002	8/21/2002	11/26/2002	11/26/2002	11/26/2002	11/26/2002	3/5/2002	3/5/2002	3/5/2002	3/5/2002	5/22/2002	5/22/2002	9/5/2002	9/5/2002	9/5/2002
Volatile Organics (ug/L)															
1,1,1,2-TETRACHLOROETHANE											0.5 U		0.5 U	0.5 U	
1,1,1-TRICHLOROETHANE											0.5 U		0.5 U	0.5 U	
1,1,2,2-TETRACHLOROETHANE											0.3 U		0.3 U	0.3 U	
1,1,2-TRICHLOROETHANE											0.5 U		0.5 U	0.5 U	
1,1-DICHLOROETHANE											0.5 U		0.5 U	0.5 U	
1,1-DICHLOROETHENE			1 U	1 U			0.5 U	0.5 U			0.5 U		0.5 U	0.5 U	
1,2,3-TRICHLOROBENZENE											0.5 U		0.5 UJ	0.5 UJ	
1,2,3-TRICHLOROPROPANE											1 U		1 U	1 U	
1,2-DIBROMO-3-CHLOROPROPANE											0.5 U		0.5 UJ	0.5 UJ	
1,2-DIBROMOETHANE											0.5 U		0.5 U	0.5 U	
1,2-DICHLOROETHANE											0.3 U		0.3 U	0.3 U	
1,2-DICHLOROPROPANE											0.5 U		0.5 U	0.5 U	
1,4-DIOXANE											100 U				
2,2-DICHLOROPROPANE											0.5 U		0.5 UJ	0.5 UJ	
2-BUTANONE											5 U		5 U	5 U	
2-HEXANONE											5 U		5 U	5 U	
3-CHLOROPROPENE											5 U		5 U	5 U	
4-METHYL-2-PENTANONE											5 U		5 U	5 U	
ACETONE											5 U		5 UJ	5 UJ	
ACETONITRILE											40 U				
ACROLEIN											5 U		5 UJ	5 UJ	
ACRYLONITRILE											5 U		5 U	5 U	
BENZENE											0.3 U		0.3 U	0.3 U	
BROMOCHLOROMETHANE											0.5 U		0.5 U	0.5 U	
BROMODICHLOROMETHANE											0.3 U		0.3 U	0.3 U	
BROMOFORM											0.5 U		0.5 U	0.5 U	
BROMOMETHANE											1 U		1 U	1 U	
CARBON DISULFIDE											0.5 U		0.5 U	0.5 U	
CARBON TETRACHLORIDE											0.3 U		0.3 U	0.3 U	
CHLOROBENZENE											0.5 U		0.5 U	0.5 U	
CHLORODIBROMOMETHANE											0.5 U		0.5 U	0.5 U	
CHLOROETHANE											0.5 U		0.5 U	0.5 U	
CHLOROFORM											0.3 U		0.3 U	0.3 U	
CHLOROMETHANE											0.5 U		0.5 U	0.5 U	
CHLOROPRENE											5 U		5 UJ	5 UJ	
CIS-1,2-DICHLOROETHENE			1 U	1 U			0.5 U	0.5 U			0.5 U		0.5 U	0.5 U	
CIS-1,3-DICHLOROPROPENE											0.3 U		0.3 U	0.3 U	
DIBROMOMETHANE											0.5 U		0.5 U	0.5 U	
DICHLORODIFLUOROMETHANE											0.5 U		0.5 U	0.5 U	
ETHYL METHACRYLATE											5 U		5 U	5 U	
ETHYLBENZENE											0.5 U		0.5 U	0.5 U	
ISOBUTANOL											40 U				
METHACRYLONITRILE											5 U		5 U	5 U	
METHYL IODIDE											5 U		5 UJ	5 UJ	
METHYL METHACRYLATE											5 U		5 U	5 U	
METHYLENE CHLORIDE											1 U		1 UJ	1 UJ	
PROPIONITRILE											40 U				
STYRENE											0.5 U		0.5 U	0.5 U	
TETRACHLOROETHENE											0.5 U		0.5 U	0.5 U	
TOLUENE											0.5 U		0.5 U	0.5 U	

LOCATION	03C15	03C15	03C15	03C15	03C15	03C15	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17
NSAMPLE	AC153A02-F	AC153A02-F-D	AC154A02	AC154A02-D	AC154A02-F	AC154A02-F-D	AC171A02	AC171A02-D	AC171A02-F	AC171A02-F-D	AC172A02	AC172A02-F	AC173A02	AC173A02-D	AC173A02-F
SAMPLE	AC153A02F	FD08210201F	AC154A02	FD11260201	AC154A02F	FD11260201F	AC171A02	FD03050201	AC171A02F	FD03050201F	AC172A02	AC172A02F	AC173A02	FD09050201	AC173A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	8/21/2002	8/21/2002	11/26/2002	11/26/2002	11/26/2002	11/26/2002	3/5/2002	3/5/2002	3/5/2002	3/5/2002	5/22/2002	5/22/2002	9/5/2002	9/5/2002	9/5/2002
TOTAL XYLENES											1 U		1 U	1 U	
TRANS-1,2-DICHLOROETHENE			1 U	1 U			0.5 U	0.5 U			0.5 U		0.5 U	0.5 U	
TRANS-1,3-DICHLOROPROPENE											0.5 U		0.5 U	0.5 U	
TRANS-1,4-DICHLORO-2-BUTENE											5 U		5 U	5 U	
TRICHLOROETHENE			1 U	1 U			0.5 U	0.5 U			0.8		0.5 U	0.5 U	
TRICHLOROFLUOROMETHANE											0.5 U		0.5 U	0.5 U	
VINYL ACETATE											5 U		5 UJ	5 UJ	
VINYL CHLORIDE			1 U	1 U			0.5 U	0.5 U			0.5 U		0.5 U	0.5 U	
Semivolatile Organics (ug/L)															
1,2,4,5-TETRACHLOROBENZENE											5 U				
1,2,4-TRICHLOROBENZENE											5 U				
1,2-DICHLOROBENZENE											5 U				
1,3-DICHLOROBENZENE											5 U				
1,4-DICHLOROBENZENE											5 U				
1,4-NAPHTHOQUINONE											5 UJ				
1,4-PHENYLENEDIAMINE											5 UR				
1-NAPHTHYLAMINE											5 U				
2,3,4,6-TETRACHLOROPHENOL											5 U				
2,4,5-TRICHLOROPHENOL											5 U				
2,4,6-TRICHLOROPHENOL											5 U				
2,4-DICHLOROPHENOL											5 U				
2,4-DIMETHYLPHENOL											5 U				
2,4-DINITROPHENOL											10 UJ				
2-ACETYLAMINOFLUORENE											5 U				
2-CHLORONAPHTHALENE											5 U				
2-CHLOROPHENOL											5 U				
2-METHYLNAPHTHALENE											0.1 U				
2-METHYLPHENOL											5 U				
2-NAPHTHYLAMINE											5 U				
2-NITROANILINE											5 U				
2-NITROPHENOL											5 U				
2-PICOLINE											5 U				
3&4-METHYLPHENOL											5 U				
3,3'-DICHLOROBENZIDINE											5 U				
3,3'-DIMETHYLBENZIDINE											5 U				
3-METHYLCHOLANTHRENE											5 U				
3-NITROANILINE											5 U				
4,6-DINITRO-2-METHYLPHENOL											5 U				
4-AMINOBIPHENYL											5 U				
4-BROMOPHENYL PHENYL ETHER											5 U				
4-CHLORO-3-METHYLPHENOL											5 U				
4-CHLOROANILINE											5 U				
4-CHLOROPHENYL PHENYL ETHER											5 U				
4-NITROANILINE											5 U				
4-NITROPHENOL											5 U				
4-NITROQUINOLINE-1-OXIDE											5 UR				
5-NITRO-O-TOLUIDINE											5 U				
7,12-DIMETHYLBENZ(A)ANTHRACENE											5 UJ				
A,A-DIMETHYLPHENETHYLAMINE											10 UJ				
ACENAPHTHENE											0.1 U				
ACENAPHTHYLENE											0.1 U				

LOCATION	03C15	03C15	03C15	03C15	03C15	03C15	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17
NSAMPLE	AC153A02-F	AC153A02-F-D	AC154A02	AC154A02-D	AC154A02-F	AC154A02-F-D	AC171A02	AC171A02-D	AC171A02-F	AC171A02-F-D	AC172A02	AC172A02-F	AC173A02	AC173A02-D	AC173A02-F
SAMPLE	AC153A02F	FD08210201F	AC154A02	FD11260201	AC154A02F	FD11260201F	AC171A02	FD03050201	AC171A02F	FD03050201F	AC172A02	AC172A02F	AC173A02	FD09050201	AC173A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	8/21/2002	8/21/2002	11/26/2002	11/26/2002	11/26/2002	11/26/2002	3/5/2002	3/5/2002	3/5/2002	3/5/2002	5/22/2002	5/22/2002	9/5/2002	9/5/2002	9/5/2002
ACETOPHENONE											5 U				
ANILINE											5 U				
ANTHRACENE											0.1 U				
ARAMITE											5 U				
BENZO(A)ANTHRACENE											0.1 U				
BENZO(A)PYRENE											0.1 U				
BENZO(B)FLUORANTHENE											0.1 U				
BENZO(G,H,I)PERYLENE											0.1 U				
BENZO(K)FLUORANTHENE											0.1 U				
BENZYL ALCOHOL											5 U				
BIS(2-CHLOROETHOXY)METHANE											5 U				
BIS(2-CHLOROETHYL)ETHER											5 U				
BIS(2-CHLOROISOPROPYL)ETHER											5 U				
BIS(2-ETHYLHEXYL)PHTHALATE											5 U				
BUTYL BENZYL PHTHALATE											5 U				
CHLOROBENZILATE											5 U				
CHRYSENE											0.1 U				
DI-N-BUTYL PHTHALATE											5 U				
DI-N-OCTYL PHTHALATE											5 U				
DIALLATE											5 U				
DIBENZO(A,H)ANTHRACENE											0.1 U				
DIBENZOFURAN											5 U				
DIETHYL PHTHALATE											5 U				
DIMETHOATE											5 U				
DIMETHYL PHTHALATE											5 U				
DIPHENYLAMINE											5 U				
DISULFOTON											5 U				
ETHYL METHANE SULFONATE											5 U				
ETHYL PARATHION											5 U				
FLUORANTHENE											0.1 U				
FLUORENE											0.1 U				
HEXACHLOROBENZENE											5 U				
HEXACHLOROBUTADIENE											5 U				
HEXACHLOROCYCLOPENTADIENE											5 UJ				
HEXACHLOROETHANE											5 U				
HEXACHLOROPROPENE											5 U				
INDENO(1,2,3-CD)PYRENE											0.1 U				
ISODRIN											5 U				
ISOPHORONE											5 U				
ISOSAFROLE											5 U				
KEPONE											5 UR				
METHAPYRILENE											5 U				
METHYL METHANE SULFONATE											5 U				
METHYL PARATHION											5 U				
N-NITROSO-DI-N-BUTYLAMINE											5 U				
N-NITROSO-DI-N-PROPYLAMINE											5 U				
N-NITROSODIETHYLAMINE											5 U				
N-NITROSODIMETHYLAMINE											5 U				
N-NITROSOMETHYLETHYLAMINE											5 U				
N-NITROSOMORPHOLINE											5 U				
N-NITROSOPIPERIDINE											5 U				

LOCATION	03C15	03C15	03C15	03C15	03C15	03C15	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17
NSAMPLE	AC153A02-F	AC153A02-F-D	AC154A02	AC154A02-D	AC154A02-F	AC154A02-F-D	AC171A02	AC171A02-D	AC171A02-F	AC171A02-F-D	AC172A02	AC172A02-F	AC173A02	AC173A02-D	AC173A02-F
SAMPLE	AC153A02F	FD08210201F	AC154A02	FD11260201	AC154A02F	FD11260201F	AC171A02	FD03050201	AC171A02F	FD03050201F	AC172A02	AC172A02F	AC173A02	FD09050201	AC173A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	8/21/2002	8/21/2002	11/26/2002	11/26/2002	11/26/2002	11/26/2002	3/5/2002	3/5/2002	3/5/2002	3/5/2002	5/22/2002	5/22/2002	9/5/2002	9/5/2002	9/5/2002
N-NITROSOPYRROLIDINE											5 U				
NAPHTHALENE											0.1 U				
O,O,O-TRIETHYL PHOSPHOROTHIOAT											5 U				
O-TOLUIDINE											5 U				
PENTACHLOROBENZENE											5 U				
PENTACHLOROETHANE											5 U				
PENTACHLORONITROBENZENE											5 U				
PENTACHLOROPHENOL											5 U				
PHENACETIN											5 U				
PHENANTHRENE											0.1 U				
PHENOL											5 U				
PHORATE											5 UJ				
PRONAMIDE											5 U				
PYRENE											0.1 U				
PYRIDINE											5 U				
SAFROLE											5 U				
SULFOTEPP											10 U				
THIONAZIN											5 U				
Pesticides/PCBs (ug/L)															
4,4'-DDD											0.1 U				
4,4'-DDE											0.1 U				
4,4'-DDT											0.1 U				
ALDRIN											0.05 U				
ALPHA-BHC											0.05 U				
ALPHA-CHLORDANE											0.05 U				
AROCLOR-1016											1 U				
AROCLOR-1221											2 U				
AROCLOR-1232											1 U				
AROCLOR-1242											1 U				
AROCLOR-1248											1 U				
AROCLOR-1254											1 U				
AROCLOR-1260											0.05 U				
BETA-BHC											0.05 U				
DELTA-BHC											0.1 U				
DIELDRIN											0.05 U				
ENDOSULFAN I											0.1 U				
ENDOSULFAN II											0.1 U				
ENDOSULFAN SULFATE											0.1 U				
ENDRIN											0.1 U				
ENDRIN ALDEHYDE											0.05 U				
GAMMA-BHC (LINDANE)											0.05 U				
GAMMA-CHLORDANE											0.05 U				
HEPTACHLOR											0.05 U				
HEPTACHLOR EPOXIDE											0.05 U				
METHOXYCHLOR											0.5 U				
TOXAPHENE											5 U				
Explosives (ug/L)															
1,3,5-TRINITROBENZENE			1.1 U	0.75 U			0.52999 U	0.83999 U			0.83999 U		0.4 U	0.36 U	
1,3-DINITROBENZENE			1.1 U	0.75 U			0.52999 U	0.83999 U			0.83999 U		0.4 U	0.36 U	
2,4,6-TRINITROTOLUENE			1.1 U	0.75 U			0.52999 U	0.83999 U			0.83999 U		0.4 U	0.36 U	
2,4-DINITROTOLUENE			1.1 U	0.75 U			0.52999 U	0.83999 U			0.83999 U		0.4 U	0.36 U	

LOCATION	03C15	03C15	03C15	03C15	03C15	03C15	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17
NSAMPLE	AC153A02-F	AC153A02-F-D	AC154A02	AC154A02-D	AC154A02-F	AC154A02-F-D	AC171A02	AC171A02-D	AC171A02-F	AC171A02-F-D	AC172A02	AC172A02-F	AC173A02	AC173A02-D	AC173A02-F
SAMPLE	AC153A02F	FD08210201F	AC154A02	FD11260201	AC154A02F	FD11260201F	AC171A02	FD03050201	AC171A02F	FD03050201F	AC172A02	AC172A02F	AC173A02	FD09050201	AC173A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	8/21/2002	8/21/2002	11/26/2002	11/26/2002	11/26/2002	11/26/2002	3/5/2002	3/5/2002	3/5/2002	3/5/2002	5/22/2002	5/22/2002	9/5/2002	9/5/2002	9/5/2002
2,6-DINITROTOLUENE			1.1 U	0.75 U			0.52999 U	0.83999 U			0.83999 U		0.4 U	0.36 U	
2-AMINO-4,6-DINITROTOLUENE			1.1 U	0.75 U			0.52999 U	0.83999 U			0.83999 U		0.4 U	0.36 U	
2-NITROTOLUENE			1.1 U	0.75 U			0.52999 U	0.83999 U			0.83999 U		0.4 U	0.36 U	
3-NITROTOLUENE			1.1 U	0.75 U			0.52999 U	0.83999 U			0.83999 U		0.4 U	0.36 U	
4-AMINO-2,6-DINITROTOLUENE			1.1 U	0.75 U			0.52999 U	0.83999 U			0.83999 U		0.4 UJ	0.36 UJ	
4-NITROTOLUENE			1.1 U	0.75 U			0.52999 U	0.83999 U			0.83999 U		0.4 U	0.36 U	
HMX			1.1 U	0.75 U			0.52999 U	0.83999 U			0.83999 U		0.4 U	0.36 U	
NITROBENZENE			1.1 U	0.75 U			0.52999 U	0.83999 U			0.83999 U		0.4 U	0.36 U	
NITROCELLULOSE			1000 U	1000 U			1000 U	1000 U			1000 U		1000 U	1000 U	
NITROGLYCERIN			5.4 U	3.8 U			11 U	17 U			8.4 UJ		8.1 U	7.3 U	
PETN			2.6 U	1.9 U			5.2 U	8.3 U			4.2 U		4 U	3.6 U	
RDX			1.1 U	0.75 U			0.52999 U	0.83999 U			0.79 U		0.4 U	0.36 U	
TETRYL			1.1 U	0.75 U			0.52999 UJ	0.83999 UJ			0.83999 U		0.4 U	0.36 U	
Herbicides (ug/L)															
2,4,5-T											0.07999 U				
2,4,5-TP (SILVEX)											0.07999 U				
2,4-D											0.07999 U				
DINOSEB											0.07999 U				
HEXACHLOROPHENE											0.025 U				
Dioxins/Furans (pg/L)															
1,2,3,4,6,7,8,9-OCDD											19.3 J				
1,2,3,4,6,7,8,9-OCDF											6.9 J				
1,2,3,4,6,7,8-HPCDD											6.3 UJ				
1,2,3,4,6,7,8-HPCDF											13.5 U				
1,2,3,4,7,8,9-HPCDF											36.7 J				
1,2,3,6,7,8-HXCDD											4.9 J				
1,2,3,6,7,8-HXCDF											6.6 U				
1,2,3,7,8,9-HXCDD											7.2 J				
1,2,3,7,8,9-HXCDF											23.6 J				
1,2,3,7,8-PECDD											4.3 J				
1,2,3,7,8-PECDF											5.9 UJ				
2,3,4,6,7,8-HXCDF											18.4 UJ				
2,3,4,7,8-PECDF											2.3 U				
2,3,7,8-TCDD											3.8 U				
2,3,7,8-TCDF											4.5 UJ				
TOTAL HPCDD											6.3 U				
TOTAL HPCDF											36.7				
TOTAL HXCDD											12.1				
TOTAL HXCDF											42 U				
TOTAL PECDD											4.3				
TOTAL PECDF											5.9 U				
TOTAL TCDD											3.8 U				
TOTAL TCDF											4.5 U				
Total Inorganics (ug/L)															
ANTIMONY			1.1 U	1.1 U			1.1 U	1.1 U			1.1 U		1.1 U	1.1 U	
ARSENIC			1.1 U	1.1 U			1.9	1.8			1.6		2.5	2.5	
BARIUM			28.5	28.9			11.1	10.8			11		12.5	11.9	
BERYLLIUM			1.1 U	1.1 U			1.1 UJ	1.1 UJ			1.1 U		1.1 U	1.1 U	
CADMIUM			1.1 U	1.1 U			1.1 U	1.1 U			1.1 U		1.1 U	1.1 U	
CHROMIUM			5.6 U	5.6 U			5.6 U	5.6 U			5.6 U		5.6 U	5.6 U	
COBALT			3.3 U	3.3 U			3.3 U	3.3 U			3.3 U		3.3 U	3.3 U	

LOCATION	03C15	03C15	03C15	03C15	03C15	03C15	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17
NSAMPLE	AC153A02-F	AC153A02-F-D	AC154A02	AC154A02-D	AC154A02-F	AC154A02-F-D	AC171A02	AC171A02-D	AC171A02-F	AC171A02-F-D	AC172A02	AC172A02-F	AC173A02	AC173A02-D	AC173A02-F
SAMPLE	AC153A02F	FD08210201F	AC154A02	FD11260201	AC154A02F	FD11260201F	AC171A02	FD03050201	AC171A02F	FD03050201F	AC172A02	AC172A02F	AC173A02	FD09050201	AC173A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	8/21/2002	8/21/2002	11/26/2002	11/26/2002	11/26/2002	11/26/2002	3/5/2002	3/5/2002	3/5/2002	3/5/2002	5/22/2002	5/22/2002	9/5/2002	9/5/2002	9/5/2002
COPPER			2.2 U	2.2 U			2.2 U	2.2 U			2.2 U		2.2 U	2.2 U	
LEAD			1.1 U	1.1 U			1.1 U	1.1 U			1.1 U		1.1 U	1.1 U	
MERCURY			0.2 U	0.2 U			0.2 U	0.2 U			0.2 U		0.2 U	0.2 U	
NICKEL			11.1 U	11.1 U			11.1 U	11.1 U			11.1 U		11.1 U	11.1 U	
SELENIUM			1.1 U	1.1 U			2.1	2.2			1.1 U		1.1 U	1.1 U	
SILVER			3.3 U	3.3 U			3.3 U	3.3 U			3.3 U		3.3 U	3.3 U	
THALLIUM			1.1 U	1.1 U			1.1 U	1.1 U			1.1 U		1.1 U	1.1 U	
TIN			11.1 U	11.1 U			11.1 UJ	11.1 UJ			11.1 U		11.1 U	11.1 U	
VANADIUM			2.2 U	2.2 U			2.2 U	2.2 U			2.2 U		2.2 U	2.2 U	
ZINC			11.1 U	11.1 U			11.1 U	11.1 U			11.1 U		12	11.1 U	
Dissolved Inorganics (ug/L)															
ANTIMONY	1 U	1 U			1 U	1 U			1 U	1 U		1 U			1 U
ARSENIC	1 U	1 U			1 U	1 U			2.2	2.3		1.4			2.3
BARIUM	25.5	25.8			28	27.8			12.5	12.8		9.5			10.8
BERYLLIUM	1 U	1 U			1 U	1 U			1 UJ	1 UJ		1 U			1 U
CADMIUM	1 U	1 U			1 U	1 U			1 U	1 U		1 U			1 U
CALCIUM	106000	103000			94100	94300			203000	205000		189000			178000
CHROMIUM	5 U	5 U			5 U	5 U			7.1	9.1		5 U			5 U
COBALT	3 U	3 U			3 U	3 U			3 U	3 U		3 U			3 U
COPPER	2 U	2 U			2 U	2 U			2.1	2.1		2 U			2 U
LEAD	1 U	1 U			1 U	1 U			1 U	1 U		1 U			1 U
MAGNESIUM	38200	39000			28900	29100			223000	225000		167000			177000
MERCURY	0.2 U	0.2 U			0.2 U	0.2 U			0.2 U	0.2 U		0.2 U			0.2 U
NICKEL	10 U	10 U			10 U	10 U			10 U	10 U		10 U			10 U
POTASSIUM	1660	1680			1390	1400			3510	3550		2820			6610
SELENIUM	1 U	1 U			1 U	1 U			1.9	1.9		1 U			1.3
SILVER	3 U	3 U			3 U	3 U			3 U	3 U		3 U			200 U
SODIUM	19600	19900			9640	9640			128000	128000		102000			102000
THALLIUM	1 U	1 U			1 U	1 U			1 U	1 U		1 U			1 U
TIN	10 U	10 U			10 U	10 U			10 UJ	10 UJ		10 U			10 U
VANADIUM	2 U	2 U			2 U	2 U			2 U	2 U		2 U			2 U
ZINC	10 U	10 U			16.8	10 U			10 UJ	10 UJ		10 U			10 U
Miscellaneous Parameters (mg/L)															
CHLORIDE			5	5			3	4			4		3	3	
CYANIDE			0.00999 U	0.00999 U			0.00999 U	0.00999 U			0.00999 U		0.00999 U	0.00999 U	
PHOSPHORUS (ELEMENTAL)			0.1 U	0.1 U			0.1 U	0.1 U			0.2 UJ		0.1 U	0.1 U	
SULFATE			90	88			990	1300			1200		950	1000	
SULFIDE											1 U				
TOTAL ORGANIC CARBON			1 U	1 U			1 U	1 U			1 U		1.2	1.2	
TOTAL ORGANIC HALIDES			0.05 U	0.05 U			0.05 U	0.05 U			0.05 U		0.05 U	0.05 U	
Dissolved Miscellaneous Parameters (mg/L)															
PHOSPHORUS (ELEMENTAL)	0.1 U	0.1 U			0.1 U	0.1 U			0.1 U	0.1 U		0.2 U			0.1 U

LOCATION	03C17	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C25	03C25	03C25
NSAMPLE	AC173A02-F-D	AC174A02	AC174A02-D	AC174A02-F	AC174A02-F-D	AC201A02	AC201A02-F	AC202A02	AC202A02-F	AC203A02	AC203A02-F	AC204A02	AC204A02-F	AC251A02	AC251A02-F	AC253A02
SAMPLE	FD09050201F	AC174A02	FD11130201	AC174A02F	FD11130201F	AC201A02	AC201A02F	AC202A02	AC202A02F	AC203A02	AC203A02F	AC204A02	AC204A02F	AC251A02	AC251A02F	AC253A02
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/5/2002	11/13/2002	11/13/2002	11/13/2002	11/13/2002	2/28/2002	2/28/2002	5/21/2002	5/21/2002	8/22/2002	8/22/2002	11/18/2002	11/18/2002	2/8/2002	2/8/2002	9/10/2002
Volatile Organics (ug/L)																
1,1,1,2-TETRACHLOROETHANE								0.5 U		0.5 U						0.5 U
1,1,1-TRICHLOROETHANE								0.5 U		0.5 J						0.5 U
1,1,2,2-TETRACHLOROETHANE								0.3 U		0.3 U						0.3 U
1,1,2-TRICHLOROETHANE								0.5 U		0.3 J						0.5 U
1,1-DICHLOROETHANE								0.5 U		0.5 U						0.5 U
1,1-DICHLOROETHENE		1 U	1 U			0.5 U		0.5		0.4 J		1 U		0.5 U		0.5 U
1,2,3-TRICHLOROBENZENE								0.5 U		0.5 UJ						0.5 UJ
1,2,3-TRICHLOROPROPANE								1 U		1 U						1 U
1,2-DIBROMO-3-CHLOROPROPANE								0.5 U		0.1 J						0.5 UJ
1,2-DIBROMOETHANE								0.5 U		0.5 U						0.5 U
1,2-DICHLOROETHANE								0.89999		0.3 U						0.3 U
1,2-DICHLOROPROPANE								0.5 U		0.5 U						0.5 U
1,4-DIOXANE								100 U								
2,2-DICHLOROPROPANE								0.5 U		0.5 J						0.5 UJ
2-BUTANONE								5 U		0.4 J						5 UJ
2-HEXANONE								5 U		0.1 J						5 UJ
3-CHLOROPROPENE								5 U		5 U						5 UJ
4-METHYL-2-PENTANONE								5 U		5 J						5 U
ACETONE								5 U		0.2 J						5 UJ
ACETONITRILE								40 U								
ACROLEIN								5 U		5 U						5 UJ
ACRYLONITRILE								5 U		5 U						5 U
BENZENE								0.3 U		0.1 J						0.3 U
BROMOCHLOROMETHANE								0.5 U		0.5 U						0.5 U
BROMODICHLOROMETHANE								0.3 U		0.3 J						0.3 U
BROMOFORM								0.5 U		0.5 U						0.5 U
BROMOMETHANE								1 U		1 U						1 UJ
CARBON DISULFIDE								0.5 U		0.5 U						0.5 U
CARBON TETRACHLORIDE								0.3 U		0.2 J						0.3 U
CHLOROBENZENE								0.5 U		0.5 U						0.5 U
CHLORODIBROMOMETHANE								0.5 U		0.5 U						0.5 U
CHLOROETHANE								0.5 U		0.5 U						0.5 U
CHLOROFORM								0.8		0.69999						0.3 U
CHLOROMETHANE								0.5 U		0.5 J						0.5 U
CHLOROPRENE								5 U		5 U						5 UJ
CIS-1,2-DICHLOROETHENE		1 U	1 U			84		62		60		100		0.5 U		0.5 U
CIS-1,3-DICHLOROPROPENE								0.3 U		0.3 U						0.3 U
DIBROMOMETHANE								0.5 U		0.5 U						0.5 U
DICHLORODIFLUOROMETHANE								0.5 U		0.5 UJ						0.5 U
ETHYL METHACRYLATE								5 U		5 U						5 U
ETHYLBENZENE								0.5 U		0.5 U						0.5 U
ISOBUTANOL								40 U								
METHACRYLONITRILE								5 U		5 J						5 U
METHYL IODIDE								5 U		5 UJ						5 U
METHYL METHACRYLATE								5 U		5 J						5 U
METHYLENE CHLORIDE								1 U		1 J						1 UJ
PROPIONITRILE								40 U								
STYRENE								0.5 U		0.5 U						0.5 U
TETRACHLOROETHENE								1.1		1.1						0.5 U
TOLUENE								0.5 U		0.5 J						0.5 U

LOCATION	03C17	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C25	03C25	03C25
NSAMPLE	AC173A02-F-D	AC174A02	AC174A02-D	AC174A02-F	AC174A02-F-D	AC201A02	AC201A02-F	AC202A02	AC202A02-F	AC203A02	AC203A02-F	AC204A02	AC204A02-F	AC251A02	AC251A02-F	AC253A02
SAMPLE	FD09050201F	AC174A02	FD11130201	AC174A02F	FD11130201F	AC201A02	AC201A02F	AC202A02	AC202A02F	AC203A02	AC203A02F	AC204A02	AC204A02F	AC251A02	AC251A02F	AC253A02
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/5/2002	11/13/2002	11/13/2002	11/13/2002	11/13/2002	2/28/2002	2/28/2002	5/21/2002	5/21/2002	8/22/2002	8/22/2002	11/18/2002	11/18/2002	2/8/2002	2/8/2002	9/10/2002
TOTAL XYLENES								1 U		1 U						1 U
TRANS-1,2-DICHLOROETHENE		1 U	1 U			5.5		8.7		7.9		8.4		0.5 U		0.5 U
TRANS-1,3-DICHLOROPROPENE								0.5 U		0.5 U						0.5 U
TRANS-1,4-DICHLORO-2-BUTENE								5 U		5 J						5 U
TRICHLOROETHENE		1 U	1 U			3000		1900		1500		2000		0.5 U		0.5 U
TRICHLOROFLUOROMETHANE								0.5 U		0.5 UJ						0.5 U
VINYL ACETATE								5 U		5 U						5 U
VINYL CHLORIDE		1 U	1 U			0.5 U		0.5 U		0.2 J		1 U		0.5 U		0.5 U
Semivolatile Organics (ug/L)																
1,2,4,5-TETRACHLOROBENZENE								5 U								
1,2,4-TRICHLOROBENZENE								5 U								
1,2-DICHLOROBENZENE								5 U								
1,3-DICHLOROBENZENE								5 U								
1,4-DICHLOROBENZENE								5 U								
1,4-NAPHTHOQUINONE								5 UJ								
1,4-PHENYLENEDIAMINE								5 UR								
1-NAPHTHYLAMINE								5 U								
2,3,4,6-TETRACHLOROPHENOL								5 U								
2,4,5-TRICHLOROPHENOL								5 U								
2,4,6-TRICHLOROPHENOL								5 U								
2,4-DICHLOROPHENOL								5 U								
2,4-DIMETHYLPHENOL								5 U								
2,4-DINITROPHENOL								10 UJ								
2-ACETYLAMINOFLUORENE								5 U								
2-CHLORONAPHTHALENE								5 U								
2-CHLOROPHENOL								5 U								
2-METHYLNAPHTHALENE								0.1 U								
2-METHYLPHENOL								5 U								
2-NAPHTHYLAMINE								5 U								
2-NITROANILINE								5 U								
2-NITROPHENOL								5 U								
2-PICOLINE								5 U								
3&4-METHYLPHENOL								5 U								
3,3'-DICHLOROBENZIDINE								5 U								
3,3'-DIMETHYLBENZIDINE								5 U								
3-METHYLCHOLANTHRENE								5 UJ								
3-NITROANILINE								5 U								
4,6-DINITRO-2-METHYLPHENOL								5 U								
4-AMINOBIPHENYL								5 U								
4-BROMOPHENYL PHENYL ETHER								5 U								
4-CHLORO-3-METHYLPHENOL								5 U								
4-CHLOROANILINE								5 U								
4-CHLOROPHENYL PHENYL ETHER								5 U								
4-NITROANILINE								5 U								
4-NITROPHENOL								5 U								
4-NITROQUINOLINE-1-OXIDE								5 UR								
5-NITRO-O-TOLUIDINE								5 U								
7,12-DIMETHYLBENZ(A)ANTHRACENE								5 UJ								
A,A-DIMETHYLPHENETHYLAMINE								10 UJ								
ACENAPHTHENE								0.1 U								
ACENAPHTHYLENE								0.1 U								

LOCATION	03C17	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C25	03C25	03C25
NSAMPLE	AC173A02-F-D	AC174A02	AC174A02-D	AC174A02-F	AC174A02-F-D	AC201A02	AC201A02-F	AC202A02	AC202A02-F	AC203A02	AC203A02-F	AC204A02	AC204A02-F	AC251A02	AC251A02-F	AC253A02
SAMPLE	FD09050201F	AC174A02	FD11130201	AC174A02F	FD11130201F	AC201A02	AC201A02F	AC202A02	AC202A02F	AC203A02	AC203A02F	AC204A02	AC204A02F	AC251A02	AC251A02F	AC253A02
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/5/2002	11/13/2002	11/13/2002	11/13/2002	11/13/2002	2/28/2002	2/28/2002	5/21/2002	5/21/2002	8/22/2002	8/22/2002	11/18/2002	11/18/2002	2/8/2002	2/8/2002	9/10/2002
ACETOPHENONE								5 U								
ANILINE								5 U								
ANTHRACENE								0.1 U								
ARAMITE								5 U								
BENZO(A)ANTHRACENE								0.1 U								
BENZO(A)PYRENE								0.1 U								
BENZO(B)FLUORANTHENE								0.1 U								
BENZO(G,H,I)PERYLENE								0.1 U								
BENZO(K)FLUORANTHENE								0.1 U								
BENZYL ALCOHOL								5 U								
BIS(2-CHLOROETHOXY)METHANE								5 U								
BIS(2-CHLOROETHYL)ETHER								5 U								
BIS(2-CHLOROISOPROPYL)ETHER								5 U								
BIS(2-ETHYLHEXYL)PHTHALATE								5 U								
BUTYL BENZYL PHTHALATE								5 U								
CHLOROBENZILATE								5 U								
CHRYSENE								0.1 U								
DI-N-BUTYL PHTHALATE								5 U								
DI-N-OCTYL PHTHALATE								5 U								
DIALLATE								5 U								
DIBENZO(A,H)ANTHRACENE								0.1 U								
DIBENZOFURAN								5 U								
DIETHYL PHTHALATE								5 U								
DIMETHOATE								5 U								
DIMETHYL PHTHALATE								5 U								
DIPHENYLAMINE								5 U								
DISULFOTON								5 U								
ETHYL METHANE SULFONATE								5 U								
ETHYL PARATHION								5 U								
FLUORANTHENE								0.1 U								
FLUORENE								0.1 U								
HEXACHLOROBENZENE								5 U								
HEXACHLOROBUTADIENE								5 U								
HEXACHLOROCYCLOPENTADIENE								5 UJ								
HEXACHLOROETHANE								5 U								
HEXACHLOROPROPENE								5 U								
INDENO(1,2,3-CD)PYRENE								0.1 U								
ISODRIN								5 U								
ISOPHORONE								5 U								
ISOSAFROLE								5 U								
KEPONE								5 UR								
METHAPYRILENE								5 U								
METHYL METHANE SULFONATE								5 U								
METHYL PARATHION								5 U								
N-NITROSO-DI-N-BUTYLAMINE								5 U								
N-NITROSO-DI-N-PROPYLAMINE								5 U								
N-NITROSODIETHYLAMINE								5 U								
N-NITROSODIMETHYLAMINE								5 U								
N-NITROSOMETHYLETHYLAMINE								5 U								
N-NITROSOMORPHOLINE								5 U								
N-NITROSOPIPERIDINE								5 U								

LOCATION	03C17	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C25	03C25	03C25
NSAMPLE	AC173A02-F-D	AC174A02	AC174A02-D	AC174A02-F	AC174A02-F-D	AC201A02	AC201A02-F	AC202A02	AC202A02-F	AC203A02	AC203A02-F	AC204A02	AC204A02-F	AC251A02	AC251A02-F	AC253A02
SAMPLE	FD09050201F	AC174A02	FD11130201	AC174A02F	FD11130201F	AC201A02	AC201A02F	AC202A02	AC202A02F	AC203A02	AC203A02F	AC204A02	AC204A02F	AC251A02	AC251A02F	AC253A02
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/5/2002	11/13/2002	11/13/2002	11/13/2002	11/13/2002	2/28/2002	2/28/2002	5/21/2002	5/21/2002	8/22/2002	8/22/2002	11/18/2002	11/18/2002	2/8/2002	2/8/2002	9/10/2002
N-NITROSOPYRROLIDINE								5 U								
NAPHTHALENE								0.1 U								
O,O,O-TRIETHYL PHOSPHOROTHIOAT								5 U								
O-TOLUIDINE								5 U								
PENTACHLOROBENZENE								5 U								
PENTACHLOROETHANE								5 U								
PENTACHLORONITROBENZENE								5 U								
PENTACHLOROPHENOL								5 U								
PHENACETIN								5 U								
PHENANTHRENE								0.1 U								
PHENOL								5 U								
PHORATE								5 UJ								
PRONAMIDE								5 U								
PYRENE								0.1 U								
PYRIDINE								5 U								
SAFROLE								5 U								
SULFOTEPP								10 U								
THIONAZIN								5 U								
Pesticides/PCBs (ug/L)																
4,4'-DDD								0.09899 U								
4,4'-DDE								0.09899 U								
4,4'-DDT								0.09899 U								
ALDRIN								0.05 U								
ALPHA-BHC								0.05 U								
ALPHA-CHLORDANE								0.05 U								
AROCLOR-1016								0.99 U								
AROCLOR-1221								2 U								
AROCLOR-1232								0.99 U								
AROCLOR-1242								0.99 U								
AROCLOR-1248								0.99 U								
AROCLOR-1254								0.99 U								
AROCLOR-1260								0.99 U								
BETA-BHC								0.05 U								
DELTA-BHC								0.05 U								
DIELDRIN								0.09899 U								
ENDOSULFAN I								0.05 U								
ENDOSULFAN II								0.09899 U								
ENDOSULFAN SULFATE								0.09899 U								
ENDRIN								0.09899 U								
ENDRIN ALDEHYDE								0.09899 U								
GAMMA-BHC (LINDANE)								0.05 U								
GAMMA-CHLORDANE								0.05 U								
HEPTACHLOR								0.05 U								
HEPTACHLOR EPOXIDE								0.05 U								
METHOXYCHLOR								0.5 U								
TOXAPHENE								5 U								
Explosives (ug/L)																
1,3,5-TRINITROBENZENE		1.1 U	0.28999 U			4.3		6.5		6.2		7.5		0.97 U		0.41999 U
1,3-DINITROBENZENE		1.1 U	0.28999 U			0.63999 U		0.95999 U		0.4 U		1.4 U		0.97 U		0.41999 U
2,4,6-TRINITROTOLUENE		1.1 U	0.28999 U			0.63999 U		0.95999 U		0.4 U		1.4 U		0.97 U		0.41999 U
2,4-DINITROTOLUENE		1.1 U	0.28999 U			0.63999 U		0.95999 U		0.4 U		1.4 U		0.97 U		0.41999 U

LOCATION	03C17	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C25	03C25	03C25
NSAMPLE	AC173A02-F-D	AC174A02	AC174A02-D	AC174A02-F	AC174A02-F-D	AC201A02	AC201A02-F	AC202A02	AC202A02-F	AC203A02	AC203A02-F	AC204A02	AC204A02-F	AC251A02	AC251A02-F	AC253A02
SAMPLE	FD09050201F	AC174A02	FD11130201	AC174A02F	FD11130201F	AC201A02	AC201A02F	AC202A02	AC202A02F	AC203A02	AC203A02F	AC204A02	AC204A02F	AC251A02	AC251A02F	AC253A02
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/5/2002	11/13/2002	11/13/2002	11/13/2002	11/13/2002	2/28/2002	2/28/2002	5/21/2002	5/21/2002	8/22/2002	8/22/2002	11/18/2002	11/18/2002	2/8/2002	2/8/2002	9/10/2002
2,6-DINITROTOLUENE		1.1 U	0.28999 U			0.63999 U		0.95999 U		0.4 U		1.4 U		0.97 U		0.41999 U
2-AMINO-4,6-DINITROTOLUENE		1.1 U	0.28999 U			13		12		0.4 U		13		0.97 U		0.41999 U
2-NITROTOLUENE		1.1 U	0.28999 U			0.63999 U		0.95999 U		0.4 U		1.4 U		0.97 U		0.41999 U
3-NITROTOLUENE		1.1 U	0.28999 U			0.63999 U		0.95999 U		0.4 U		1.4 U		0.97 U		0.41999 U
4-AMINO-2,6-DINITROTOLUENE		1.1 UJ	0.28999 UJ			18		15		0.4 UJ		15 J		0.97 U		0.41999 UJ
4-NITROTOLUENE		1.1 U	0.28999 U			0.63999 U		0.95999 U		0.4 U		1.4 U		0.97 U		0.41999 U
HMX		1.1 U	0.28999 U			33		29		26		32		0.97 U		0.41999 U
NITROBENZENE		1.1 U	0.28999 U			0.63999 U		0.95999 U		0.4 U		1.4 U		0.97 U		0.41999 U
NITROCELLULOSE		1000 U	1000 U			1000 U		1000 U		1000 U		1000 U		1000 U		1000 U
NITROGLYCERIN		5.4 U	1.5 U			13 U		9.6 UJ		7.9 U		7.3 U		9.8 U		8.4 U
PETN		2.6 U	0.69999 U			6.3 U		4.7 U		3.9 U		3.5 U		4.8 U		4.2 U
RDX		1.1 U	0.28999 U			200		200		210		250		0.92 U		0.41999 U
TETRYL		1.1 U	0.28999 U			0.63999 UJ		0.95999 U		0.4 U		1.4 U		0.97 U		0.41999 U
Herbicides (ug/L)																
2,4,5-T								0.07999 U								
2,4,5-TP (SILVEX)								0.07999 U								
2,4-D								0.07999 U								
DINOSEB								0.07999 U								
HEXACHLOROPHENE								0.025 U								
Dioxins/Furans (pg/L)																
1,2,3,4,6,7,8,9-OCDD								48.9 J								
1,2,3,4,6,7,8,9-OCDF								33.3 J								
1,2,3,4,6,7,8-HPCDD								18.3 J								
1,2,3,4,6,7,8-HPCDF								17.6 J								
1,2,3,4,7,8,9-HPCDF								25.3 J								
1,2,3,6,7,8-HXCDD								17.4 J								
1,2,3,6,7,8-HXCDF								17.1 J								
1,2,3,7,8,9-HXCDD								18.4 J								
1,2,3,7,8,9-HXCDF								23.8 J								
1,2,3,7,8-PECDD								13.4 J								
1,2,3,7,8-PECDF								17.4 J								
2,3,4,6,7,8-HXCDF								18.7 J								
2,3,4,7,8-PECDF								16.3 J								
2,3,7,8-TCDD								5.7 J								
2,3,7,8-TCDF								3.8 UJ								
TOTAL HPCDD								18.3								
TOTAL HPCDF								42.8								
TOTAL HXCDD								52.9 U								
TOTAL HXCDF								76.5								
TOTAL PECDD								13.4								
TOTAL PECDF								33.7								
TOTAL TCDD								5.7								
TOTAL TCDF								3.8 U								
Total Inorganics (ug/L)																
ANTIMONY		1.1 U	1.1 U			1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
ARSENIC		2	2.7			1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
BARIUM		12.1	12.9			28.7		28.4		30.1		31.5		17.8		16.4
BERYLLIUM		1.1 U	1.1 U			1.1 UJ		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CADMIUM		1.1 U	1.1 U			1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CHROMIUM		5.6 U	5.6 U			5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U
COBALT		3.3 U	3.3 U			3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U

LOCATION	03C17	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C25	03C25	03C25
NSAMPLE	AC173A02-F-D	AC174A02	AC174A02-D	AC174A02-F	AC174A02-F-D	AC201A02	AC201A02-F	AC202A02	AC202A02-F	AC203A02	AC203A02-F	AC204A02	AC204A02-F	AC251A02	AC251A02-F	AC253A02
SAMPLE	FD09050201F	AC174A02	FD11130201	AC174A02F	FD11130201F	AC201A02	AC201A02F	AC202A02	AC202A02F	AC203A02	AC203A02F	AC204A02	AC204A02F	AC251A02	AC251A02F	AC253A02
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/5/2002	11/13/2002	11/13/2002	11/13/2002	11/13/2002	2/28/2002	2/28/2002	5/21/2002	5/21/2002	8/22/2002	8/22/2002	11/18/2002	11/18/2002	2/8/2002	2/8/2002	9/10/2002
COPPER		2.2 U	2.2 U			2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
LEAD		1.1 U	1.1 U			1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
MERCURY		0.2 U	0.2 U			0.2 U		0.2 U		0.2 U		0.2 U		0.23		0.2 U
NICKEL		11.1 U	11.1 U			11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
SELENIUM		1.1 U	1.1 U			1.1 U		1.1 U		1.1 U		1.1 U		1.1 UJ		1.1 U
SILVER		3.3 U	3.3 U			3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
THALLIUM		1.1 U	1.1 U			1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
TIN		11.1 U	11.1 U			11.1 UJ		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
VANADIUM		2.2 U	2.2 U			2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
ZINC		15.7	11.1 U			11.1 U		11.1 U		11.1 U		11.1 U		30.5		11.1 U
Dissolved Inorganics (ug/L)																
ANTIMONY	1 U			1 U	1 U		1 U		1 U		1 U		1 U		1 U	
ARSENIC	2.1			1.5	1.8		1 U		1 U		1 U		1 U		1 U	
BARIUM	10.3			11.1	10.9		37.3		28.8		30.9		30.7		16.7	
BERYLLIUM	1 U			1 U	1 U		1 UJ		1 U		1 U		1 U		1 U	
CADMIUM	1 U			1 U	1 U		1 U		1 U		1 U		1 U		1 U	
CALCIUM	176000			208000	201000		95300		88800		92300		98300		93000	
CHROMIUM	5 U			5 U	5 U		5 U		5 U		5 U		5 U		19.7	
COBALT	3 U			3 U	3 U		3 U		3 U		3 U		3 U		3 U	
COPPER	2 U			2 U	2 U		2 U		2 U		2 U		2 U		2 U	
LEAD	1 U			1 U	1 U		1 U		1 U		1 U		1 U		1 U	
MAGNESIUM	177000			204000	201000		37600		27200		29100		30500		63500	
MERCURY	0.2 U			0.2 U	0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U	
NICKEL	10 U			10 U	10 U		10 U		10 U		10 U		10 U		10 U	
POTASSIUM	5880			3600	3640		2410		2050		2250		2090		2670	
SELENIUM	1.1			1 U	1 U		1 U		1 U		1 U		1 U		1.3	
SILVER	200 U			3 U	3 U		3 U		3 U		3 U		3 U		3 U	
SODIUM	102000			116000	109000		14000		11100		11000		11300		71700	
THALLIUM	1 U			1 U	1 U		1 U		1 U		1 U		1 U		1 U	
TIN	10 U			10 U	10 U		10 UJ		10 U		10 U		10 U		10 U	
VANADIUM	2 U			2 U	2 U		2 U		2 U		2 U		2 U		2 U	
ZINC	14.4			10 U	10 U		10 UJ		55		10 U		10 U		100 U	
Miscellaneous Parameters (mg/L)																
CHLORIDE		3	3			6 J		9		6		6				2
CYANIDE		0.00999 U	0.00999 U			0.00999 U		0.00999 U		0.00999 U		0.00999 U				0.00999 U
PHOSPHORUS (ELEMENTAL)		0.1 U	0.1 U			0.1 U		0.4		0.1 U		0.1 UJ				0.1 U
SULFATE		1000	1000			120		120 J		130		130				250
SULFIDE								1 U								
TOTAL ORGANIC CARBON		1 UJ	1 UJ			2.7		1 U		1 U		1.1 J				1 U
TOTAL ORGANIC HALIDES		0.05 U	0.05 U			1.1		2.7		1.4		1.1				0.05 U
Dissolved Miscellaneous Parameters (mg/L)																
PHOSPHORUS (ELEMENTAL)	0.1 U			0.1 U	0.1 U		0.1 U		0.5		0.1 U		0.1 UJ			

LOCATION	03C25	03C25	03C25	03C26	03C26	03C26	03C26	03C26	03C26	03C26	03C26	03C27	03C27	03C27	03C27	03C27
NSAMPLE	AC253A02-F	AC254A02	AC254A02-F	AC261A02	AC261A02-F	AC262A02	AC262A02-F	AC263A02	AC263A02-F	AC264A02	AC264A02-F	AC271A02	AC271A02-F	AC272A02	AC272A02-F	AC273A02
SAMPLE	AC253A02F	AC254A02	AC254A02F	AC261A02	AC261A02F	AC262A02	AC262A02F	AC263A02	AC263A02F	AC264A02	AC264A02F	AC271A02	AC271A02F	AC272A02	AC272A02F	AC273A02
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/10/2002	10/31/2002	10/31/2002	2/25/2002	2/25/2002	5/20/2002	5/20/2002	8/20/2002	8/20/2002	11/12/2002	11/12/2002	3/4/2002	3/4/2002	5/28/2002	5/28/2002	8/27/2002
Volatile Organics (ug/L)																
1,1,1,2-TETRACHLOROETHANE						0.5 U		0.5 U						0.5 U		0.5 U
1,1,1-TRICHLOROETHANE						0.5 U		0.5 U						0.5 U		0.5 U
1,1,2,2-TETRACHLOROETHANE						0.3 U		0.3 U						0.3 U		0.3 U
1,1,2-TRICHLOROETHANE						0.5 U		0.5 U						0.5 U		0.5 U
1,1-DICHLOROETHANE						0.5 U		0.5 U						0.5 U		0.5 U
1,1-DICHLOROETHENE		1 U		0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U		0.5 U
1,2,3-TRICHLOROBENZENE						0.5 U		0.5 UJ						0.5 U		0.5 UJ
1,2,3-TRICHLOROPROPANE						1 U		1 U						1 U		1 U
1,2-DIBROMO-3-CHLOROPROPANE						0.5 U		0.5 U						0.5 U		0.5 U
1,2-DIBROMOETHANE						0.5 U		0.5 U						0.5 U		0.5 U
1,2-DICHLOROETHANE						0.3 U		0.3 U						0.3 U		0.3 U
1,2-DICHLOROPROPANE						0.5 U		0.5 U						0.5 U		0.5 U
1,4-DIOXANE						100 U								100 U		
2,2-DICHLOROPROPANE						0.5 U		0.5 U						0.5 U		0.5 U
2-BUTANONE						5 U		5 U						5 U		5 U
2-HEXANONE						5 U		5 UJ						5 U		5 U
3-CHLOROPROPENE						5 U		5 U						5 U		5 UJ
4-METHYL-2-PENTANONE						5 U		5 U						5 U		5 U
ACETONE						5 U		5 UJ						5 U		5 UJ
ACETONITRILE						40 U								40 U		
ACROLEIN						5 U		5 U						5 U		5 U
ACRYLONITRILE						5 U		5 U						5 U		5 U
BENZENE						0.3 U		0.3 U						0.3 U		0.3 U
BROMOCHLOROMETHANE						0.5 U		0.5 U						0.5 U		0.5 U
BROMODICHLOROMETHANE						0.3 U		0.3 U						0.3 U		0.3 U
BROMOFORM						0.5 U		0.5 U						0.5 U		0.5 U
BROMOMETHANE						1 U		1 U						1 U		1 U
CARBON DISULFIDE						0.5 U		0.5 U						0.5 U		0.5 U
CARBON TETRACHLORIDE						0.3 U		0.3 U						0.3 U		0.3 U
CHLOROBENZENE						0.5 U		0.5 U						0.5 U		0.5 U
CHLORODIBROMOMETHANE						0.5 U		0.5 U						0.5 U		0.5 U
CHLOROETHANE						0.5 U		0.5 U						0.5 U		0.5 U
CHLOROFORM						0.3 U		0.3 U						0.3 U		0.3 U
CHLOROMETHANE						0.5 U		0.5 U						0.5 U		0.5 U
CHLOROPRENE						5 U		5 U						5 U		5 UJ
CIS-1,2-DICHLOROETHENE		1 U		0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U		0.5 U
CIS-1,3-DICHLOROPROPENE						0.3 U		0.3 U						0.3 U		0.3 U
DIBROMOMETHANE						0.5 U		0.5 U						0.5 U		0.5 U
DICHLORODIFLUOROMETHANE						0.5 U		0.5 UJ						0.5 U		0.5 UJ
ETHYL METHACRYLATE						5 U		5 U						5 U		5 U
ETHYLBENZENE						0.5 U		0.5 U						0.5 U		0.5 U
ISOBUTANOL						40 U								40 U		
METHACRYLONITRILE						5 U		5 U						5 U		5 UJ
METHYL IODIDE						5 U		5 UJ						5 U		5 UJ
METHYL METHACRYLATE						5 U		5 U						5 U		5 U
METHYLENE CHLORIDE						1 U		1 UJ						1 U		1 UJ
PROPIONITRILE						40 U								40 U		
STYRENE						0.5 U		0.5 U						0.5 U		0.5 U
TETRACHLOROETHENE						0.5 U		0.5 U						0.5 U		0.5 U
TOLUENE						0.5 U		0.5 U						0.5 U		0.5 U

LOCATION	03C25	03C25	03C25	03C26	03C26	03C26	03C26	03C26	03C26	03C26	03C26	03C27	03C27	03C27	03C27	03C27
NSAMPLE	AC253A02-F	AC254A02	AC254A02-F	AC261A02	AC261A02-F	AC262A02	AC262A02-F	AC263A02	AC263A02-F	AC264A02	AC264A02-F	AC271A02	AC271A02-F	AC272A02	AC272A02-F	AC273A02
SAMPLE	AC253A02F	AC254A02	AC254A02F	AC261A02	AC261A02F	AC262A02	AC262A02F	AC263A02	AC263A02F	AC264A02	AC264A02F	AC271A02	AC271A02F	AC272A02	AC272A02F	AC273A02
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/10/2002	10/31/2002	10/31/2002	2/25/2002	2/25/2002	5/20/2002	5/20/2002	8/20/2002	8/20/2002	11/12/2002	11/12/2002	3/4/2002	3/4/2002	5/28/2002	5/28/2002	8/27/2002
TOTAL XYLENES						1 U		1 U						1 U		1 U
TRANS-1,2-DICHLOROETHENE		1 U		0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U		0.5 U
TRANS-1,3-DICHLOROPROPENE						0.5 U		0.5 U						0.5 U		0.5 U
TRANS-1,4-DICHLORO-2-BUTENE						5 U		5 U						5 U		5 U
TRICHLOROETHENE		1 U		10		13		13		13		3.2		4		3.9
TRICHLOROFLUOROMETHANE						0.5 U		0.5 UJ						0.5 U		0.5 U
VINYL ACETATE						5 U		5 U						5 U		5 U
VINYL CHLORIDE		1 U		0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U		0.5 U
Semivolatile Organics (ug/L)																
1,2,4,5-TETRACHLOROBENZENE						5 U								5 U		
1,2,4-TRICHLOROBENZENE						5 U								5 U		
1,2-DICHLOROBENZENE						5 U								5 U		
1,3-DICHLOROBENZENE						5 U								5 U		
1,4-DICHLOROBENZENE						5 U								5 U		
1,4-NAPHTHOQUINONE						5 U								5 U		
1,4-PHENYLENEDIAMINE						5 UR								5 UR		
1-NAPHTHYLAMINE						5 U								5 UJ		
2,3,4,6-TETRACHLOROPHENOL						5 U								5 U		
2,4,5-TRICHLOROPHENOL						5 U								5 U		
2,4,6-TRICHLOROPHENOL						5 U								5 U		
2,4-DICHLOROPHENOL						5 U								5 U		
2,4-DIMETHYLPHENOL						5 U								5 U		
2,4-DINITROPHENOL						10 UJ								10 UJ		
2-ACETYLAMINOFLUORENE						5 U								5 U		
2-CHLORONAPHTHALENE						5 U								5 U		
2-CHLOROPHENOL						5 U								5 U		
2-METHYLNAPHTHALENE						0.1 U								0.09 U		
2-METHYLPHENOL						5 U								5 U		
2-NAPHTHYLAMINE						5 U								5 U		
2-NITROANILINE						5 U								5 U		
2-NITROPHENOL						5 U								5 U		
2-PICOLINE						5 U								5 U		
3&4-METHYLPHENOL						5 U								5 U		
3,3'-DICHLOROBENZIDINE						5 U								5 U		
3,3'-DIMETHYLBENZIDINE						5 U								5 U		
3-METHYLCHOLANTHRENE						5 U								5 U		
3-NITROANILINE						5 U								5 U		
4,6-DINITRO-2-METHYLPHENOL						5 U								5 U		
4-AMINOBIPHENYL						5 U								5 U		
4-BROMOPHENYL PHENYL ETHER						5 U								5 U		
4-CHLORO-3-METHYLPHENOL						5 U								5 U		
4-CHLOROANILINE						5 U								5 U		
4-CHLOROPHENYL PHENYL ETHER						5 U								5 U		
4-NITROANILINE						5 U								5 U		
4-NITROPHENOL						5 U								5 U		
4-NITROQUINOLINE-1-OXIDE						5 UR								5 UR		
5-NITRO-O-TOLUIDINE						5 U								5 UJ		
7,12-DIMETHYLBENZ(A)ANTHRACENE						5 UJ								5 UJ		
A,A-DIMETHYLPHENETHYLAMINE						10 U								10 UJ		
ACENAPHTHENE						0.1 U								0.09 U		
ACENAPHTHYLENE						0.1 U								0.09 U		

LOCATION	03C25	03C25	03C25	03C26	03C26	03C26	03C26	03C26	03C26	03C26	03C26	03C27	03C27	03C27	03C27	03C27
NSAMPLE	AC253A02-F	AC254A02	AC254A02-F	AC261A02	AC261A02-F	AC262A02	AC262A02-F	AC263A02	AC263A02-F	AC264A02	AC264A02-F	AC271A02	AC271A02-F	AC272A02	AC272A02-F	AC273A02
SAMPLE	AC253A02F	AC254A02	AC254A02F	AC261A02	AC261A02F	AC262A02	AC262A02F	AC263A02	AC263A02F	AC264A02	AC264A02F	AC271A02	AC271A02F	AC272A02	AC272A02F	AC273A02
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/10/2002	10/31/2002	10/31/2002	2/25/2002	2/25/2002	5/20/2002	5/20/2002	8/20/2002	8/20/2002	11/12/2002	11/12/2002	3/4/2002	3/4/2002	5/28/2002	5/28/2002	8/27/2002
ACETOPHENONE						5 U								5 U		
ANILINE						5 U								5 U		
ANTHRACENE						0.1 U								0.09 U		
ARAMITE						5 U								5 UJ		
BENZO(A)ANTHRACENE						0.1 U								0.09 U		
BENZO(A)PYRENE						0.1 U								0.09 U		
BENZO(B)FLUORANTHENE						0.1 U								0.09 U		
BENZO(G,H,I)PERYLENE						0.1 U								0.09 U		
BENZO(K)FLUORANTHENE						0.1 U								0.09 U		
BENZYL ALCOHOL						5 U								5 U		
BIS(2-CHLOROETHOXY)METHANE						5 U								5 U		
BIS(2-CHLOROETHYL)ETHER						5 U								5 U		
BIS(2-CHLOROISOPROPYL)ETHER						5 U								5 U		
BIS(2-ETHYLHEXYL)PHTHALATE						5 U								5 U		
BUTYL BENZYL PHTHALATE						5 U								5 U		
CHLOROBENZILATE						5 U								5 UJ		
CHRYSENE						0.1 U								0.09 U		
DI-N-BUTYL PHTHALATE						5 U								5 U		
DI-N-OCTYL PHTHALATE						5 U								5 U		
DIALLATE						5 U								5 U		
DIBENZO(A,H)ANTHRACENE						0.1 U								0.09 U		
DIBENZOFURAN						5 U								5 U		
DIETHYL PHTHALATE						5 U								5 U		
DIMETHOATE						5 U								5 U		
DIMETHYL PHTHALATE						5 U								5 U		
DIPHENYLAMINE						5 U								5 U		
DISULFOTON						5 U								5 U		
ETHYL METHANE SULFONATE						5 U								5 U		
ETHYL PARATHION						5 U								5 U		
FLUORANTHENE						0.1 U								0.09 U		
FLUORENE						0.1 U								0.09 U		
HEXACHLOROBENZENE						5 U								5 U		
HEXACHLOROBUTADIENE						5 U								5 U		
HEXACHLOROCYCLOPENTADIENE						5 UJ								5 UJ		
HEXACHLOROETHANE						5 U								5 U		
HEXACHLOROPROPENE						5 U								5 U		
INDENO(1,2,3-CD)PYRENE						0.1 U								0.09 U		
ISODRIN						5 U								5 U		
ISOPHORONE						5 U								5 U		
ISOSAFROLE						5 U								5 U		
KEPONE						5 UR								5 UR		
METHAPYRILENE						5 U								5 U		
METHYL METHANE SULFONATE						5 U								5 U		
METHYL PARATHION						5 U								5 UJ		
N-NITROSO-DI-N-BUTYLAMINE						5 U								5 U		
N-NITROSO-DI-N-PROPYLAMINE						5 U								5 U		
N-NITROSODIETHYLAMINE						5 U								5 U		
N-NITROSODIMETHYLAMINE						5 U								5 U		
N-NITROSOMETHYLETHYLAMINE						5 U								5 U		
N-NITROSOMORPHOLINE						5 U								5 U		
N-NITROSOPIPERIDINE						5 U								5 U		

LOCATION	03C25	03C25	03C25	03C26	03C26	03C26	03C26	03C26	03C26	03C26	03C26	03C27	03C27	03C27	03C27	03C27
NSAMPLE	AC253A02-F	AC254A02	AC254A02-F	AC261A02	AC261A02-F	AC262A02	AC262A02-F	AC263A02	AC263A02-F	AC264A02	AC264A02-F	AC271A02	AC271A02-F	AC272A02	AC272A02-F	AC273A02
SAMPLE	AC253A02F	AC254A02	AC254A02F	AC261A02	AC261A02F	AC262A02	AC262A02F	AC263A02	AC263A02F	AC264A02	AC264A02F	AC271A02	AC271A02F	AC272A02	AC272A02F	AC273A02
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/10/2002	10/31/2002	10/31/2002	2/25/2002	2/25/2002	5/20/2002	5/20/2002	8/20/2002	8/20/2002	11/12/2002	11/12/2002	3/4/2002	3/4/2002	5/28/2002	5/28/2002	8/27/2002
N-NITROSOPYRROLIDINE						5 U								5 U		
NAPHTHALENE						0.1 U								0.09 U		
O,O,O-TRIETHYL PHOSPHOROTHIOAT						5 U								5 U		
O-TOLUIDINE						5 U								5 U		
PENTACHLOROBENZENE						5 U								5 U		
PENTACHLOROETHANE						5 U								5 U		
PENTACHLORONITROBENZENE						5 U								5 U		
PENTACHLOROPHENOL						5 U								5 U		
PHENACETIN						5 U								5 U		
PHENANTHRENE						0.1 U								0.09 U		
PHENOL						5 U								5 U		
PHORATE						5 U								5 U		
PRONAMIDE						5 U								5 U		
PYRENE						0.1 U								0.09 U		
PYRIDINE						5 U								5 U		
SAFROLE						5 U								5 U		
SULFOTEPP						10 U								10 U		
THIONAZIN						5 U								5 U		
Pesticides/PCBs (ug/L)																
4,4'-DDD						0.09899 U								0.09399 U		
4,4'-DDE						0.09899 U								0.09399 U		
4,4'-DDT						0.09899 U								0.09399 U		
ALDRIN						0.05 U								0.04699 U		
ALPHA-BHC						0.05 U								0.04699 U		
ALPHA-CHLORDANE						0.05 U								0.04699 U		
AROCLOR-1016						0.99 U								0.93999 U		
AROCLOR-1221						2 U								1.9 U		
AROCLOR-1232						0.99 U								0.93999 U		
AROCLOR-1242						0.99 U								0.93999 U		
AROCLOR-1248						0.99 U								0.93999 U		
AROCLOR-1254						0.99 U								0.93999 U		
AROCLOR-1260						0.99 U								0.93999 U		
BETA-BHC						0.05 U								0.04699 U		
DELTA-BHC						0.05 U								0.04699 U		
DIELDRIN						0.09899 U								0.09399 U		
ENDOSULFAN I						0.05 U								0.04699 U		
ENDOSULFAN II						0.09899 U								0.09399 U		
ENDOSULFAN SULFATE						0.09899 U								0.09399 U		
ENDRIN						0.09899 U								0.09399 U		
ENDRIN ALDEHYDE						0.09899 U								0.09399 U		
GAMMA-BHC (LINDANE)						0.05 U								0.04699 U		
GAMMA-CHLORDANE						0.05 U								0.04699 U		
HEPTACHLOR						0.05 U								0.04699 U		
HEPTACHLOR EPOXIDE						0.05 U								0.04699 U		
METHOXYCHLOR						0.5 U								0.46999 U		
TOXAPHENE						5 U								4.7 U		
Explosives (ug/L)																
1,3,5-TRINITROBENZENE		0.34999 U		0.57999 U		0.87999 U		0.6 U		0.70999 U		0.38999 U		0.77999 U		0.57999 U
1,3-DINITROBENZENE		0.34999 U		0.57999 U		0.87999 U		0.6 U		0.70999 U		0.38999 U		0.77999 U		0.57999 U
2,4,6-TRINITROTOLUENE		0.34999 U		0.57999 U		0.87999 U		0.6 U		0.70999 U		0.38999 U		0.77999 U		0.57999 U
2,4-DINITROTOLUENE		0.34999 U		0.57999 U		0.87999 U		0.6 U		0.70999 U		0.38999 U		0.77999 U		0.57999 U

LOCATION	03C25	03C25	03C25	03C26	03C26	03C26	03C26	03C26	03C26	03C26	03C26	03C27	03C27	03C27	03C27	03C27
NSAMPLE	AC253A02-F	AC254A02	AC254A02-F	AC261A02	AC261A02-F	AC262A02	AC262A02-F	AC263A02	AC263A02-F	AC264A02	AC264A02-F	AC271A02	AC271A02-F	AC272A02	AC272A02-F	AC273A02
SAMPLE	AC253A02F	AC254A02	AC254A02F	AC261A02	AC261A02F	AC262A02	AC262A02F	AC263A02	AC263A02F	AC264A02	AC264A02F	AC271A02	AC271A02F	AC272A02	AC272A02F	AC273A02
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/10/2002	10/31/2002	10/31/2002	2/25/2002	2/25/2002	5/20/2002	5/20/2002	8/20/2002	8/20/2002	11/12/2002	11/12/2002	3/4/2002	3/4/2002	5/28/2002	5/28/2002	8/27/2002
2,6-DINITROTOLUENE		0.34999 U		0.57999 U		0.87999 U		0.6 U		0.70999 U		0.38999 U		0.77999 U		0.57999 U
2-AMINO-4,6-DINITROTOLUENE		0.34999 U		0.57999 U		0.87999 U		0.6 U		0.70999 U		0.38999 U		0.77999 U		0.57999 U
2-NITROTOLUENE		0.34999 U		0.57999 U		0.87999 U		0.6 U		0.70999 U		0.38999 U		0.77999 U		0.57999 U
3-NITROTOLUENE		0.34999 U		0.57999 U		0.87999 U		0.6 U		0.70999 U		0.38999 U		0.77999 U		0.57999 U
4-AMINO-2,6-DINITROTOLUENE		0.34999 U		0.57999 U		0.87999 U		0.6 UJ		0.70999 UJ		0.38999 U		0.77999 U		0.57999 UJ
4-NITROTOLUENE		0.34999 U		0.57999 U		0.87999 U		0.6 U		0.70999 U		0.38999 U		0.77999 U		0.57999 U
HMX		0.34999 U		0.57999 U		0.87999 U		0.6 U		0.70999 U		0.38999 U		0.77999 U		0.57999 U
NITROBENZENE		0.34999 U		0.57999 U		0.87999 U		0.6 U		0.70999 U		0.38999 U		0.77999 U		0.57999 U
NITROCELLULOSE		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U
NITROGLYCERIN		1.8 U		12 U		8.8 UJ		12 U		3.6 U		7.8 U		7.8 UJ		12 U
PETN		0.86 U		5.7 U		4.4 U		6 U		1.8 U		3.8 U		3.8 U		5.7 U
RDX		0.34999 U		0.57999 U		1.1		1.6		1.6		0.38999 U		0.73 U		0.57999 U
TETRYL		0.34999 U		0.57999 UJ		0.87999 U		0.6 U		0.70999 U		0.38999 UJ		0.77999 U		0.57999 U
Herbicides (ug/L)																
2,4,5-T						0.07999 U								0.07999 U		
2,4,5-TP (SILVEX)						0.07999 U								0.07999 U		
2,4-D						0.07999 U								0.07999 U		
DINOSEB						0.07999 U								0.07999 U		
HEXACHLOROPHENE						0.025 U								0.025 U		
Dioxins/Furans (pg/L)																
1,2,3,4,6,7,8,9-OCDD						23.9 J										
1,2,3,4,6,7,8,9-OCDF						3.8 U										
1,2,3,4,6,7,8-HPCDD						8.9 J										
1,2,3,4,6,7,8-HPCDF						6.8 U										
1,2,3,4,7,8,9-HPCDF						17.3 UJ										
1,2,3,6,7,8-HXCDD						4.4 J										
1,2,3,6,7,8-HXCDF						5.3 J										
1,2,3,7,8,9-HXCDD						4.5 J										
1,2,3,7,8,9-HXCDF						10.9 J										
1,2,3,7,8-PECDD						3.1 UJ										
1,2,3,7,8-PECDF						4.7 UJ										
2,3,4,6,7,8-HXCDF						10.4 UJ										
2,3,4,7,8-PECDF						3.5 UJ										
2,3,7,8-TCDD						3.1 U										
2,3,7,8-TCDF						2.5 J										
TOTAL HPCDD						8.9										
TOTAL HPCDF						17.3 U										
TOTAL HXCDD						13.3										
TOTAL HXCDF						31.7 U										
TOTAL PECDD						3.1 U										
TOTAL PECDF						8.2 U										
TOTAL TCDD						3.1 U										
TOTAL TCDF						2.5										
Total Inorganics (ug/L)																
ANTIMONY		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
ARSENIC		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
BARIUM		15.8		36.1		35.5		36.5		37.8		30.7		27.3		27.6
BERYLLIUM		1.1 U		1.1 UJ		1.1 U		1.1 U		1.1 U		1.1 UJ		1.1 U		1.1 U
CADMIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CHROMIUM		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U
COBALT		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U

LOCATION	03C25	03C25	03C25	03C26	03C26	03C26	03C26	03C26	03C26	03C26	03C26	03C27	03C27	03C27	03C27	03C27
NSAMPLE	AC253A02-F	AC254A02	AC254A02-F	AC261A02	AC261A02-F	AC262A02	AC262A02-F	AC263A02	AC263A02-F	AC264A02	AC264A02-F	AC271A02	AC271A02-F	AC272A02	AC272A02-F	AC273A02
SAMPLE	AC253A02F	AC254A02	AC254A02F	AC261A02	AC261A02F	AC262A02	AC262A02F	AC263A02	AC263A02F	AC264A02	AC264A02F	AC271A02	AC271A02F	AC272A02	AC272A02F	AC273A02
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/10/2002	10/31/2002	10/31/2002	2/25/2002	2/25/2002	5/20/2002	5/20/2002	8/20/2002	8/20/2002	11/12/2002	11/12/2002	3/4/2002	3/4/2002	5/28/2002	5/28/2002	8/27/2002
COPPER		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
LEAD		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
MERCURY		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U
NICKEL		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
SELENIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
SILVER		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
THALLIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
TIN		11.1 U		11.1 UJ		11.1 U		11.1 U		11.1 U		11.1 UJ		11.1 U		11.1 U
VANADIUM		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
ZINC		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
Dissolved Inorganics (ug/L)																
ANTIMONY	1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
ARSENIC	1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
BARIUM	15.6		15.1		45.9		35.5		35.9		42.1		38.8		29	
BERYLLIUM	1 U		1 U		1 UJ		1 U		1 U		1 U		1 UJ		1 U	
CADMIUM	1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
CALCIUM	90800		110000		101000		89700		94600		98700		58100		50400	
CHROMIUM	5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U	
COBALT	3 U		3 U		3 U		3 U		3 U		3 U		3 U		3 U	
COPPER	2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U	
LEAD	1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
MAGNESIUM	55500		63100		61000		43600		46700		44800		3460		2580	
MERCURY	0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U	
NICKEL	10 U		10 U		10 U		10 U		10 U		10 U		10 U		10 U	
POTASSIUM	2380		2570		2090		1580		1720		1650		1330		995	
SELENIUM	1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
SILVER	30 U		3 U		3 U		3 U		3 U		3 U		3 U		3 U	
SODIUM	59600		64900		17900		14400		13900		14500 J		6460		5020	
THALLIUM	1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
TIN	10 U		10 U		10 UJ		10 U		10 U		10 U		10 UJ		10 U	
VANADIUM	2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U	
ZINC	10 U		10 U		10 UJ		10 U		31.9		10 U		15.1 J		12.6	
Miscellaneous Parameters (mg/L)																
CHLORIDE		2		4		3		4		3		3		3		3
CYANIDE		0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U
PHOSPHORUS (ELEMENTAL)		0.1 U		0.1 U		0.1 U		0.1 U		0.1 U		0.1 U		0.8		0.1 U
SULFATE		260		110		150 J		100		100		8 J		9 J		10
SULFIDE						1 U								1 U		
TOTAL ORGANIC CARBON		1 UJ		2.3		1 U		1 U		1 UJ		1 U		1.1		1 U
TOTAL ORGANIC HALIDES		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U
Dissolved Miscellaneous Parameters (mg/L)																
PHOSPHORUS (ELEMENTAL)	0.1 U		0.1 U		0.1 UJ		0.2 U		0.1 U		0.1 U		0.1		0.89999	

LOCATION	03C27	03C27	03C27	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A
NSAMPLE	AC273A02-F	AC274A02	AC274A02-F	AC301A02	AC301A02-F	AC302A02	AC302A02-F	AC303A02	AC303A02-F	AC304A02	AC304A02-F	ASPA1A02	ASPA1A02-F	ASPA2A02	ASPA2A02-D	ASPA2A02-F
SAMPLE	AC273A02F	AC274A02	AC274A02F	AC301A02	AC301A02F	AC302A02	AC302A02F	AC303A02	AC303A02F	AC304A02	AC304A02F	ASPA1A02	ASPA1A02F	ASPA2A02	FD06200201	ASPA2A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	8/27/2002	11/14/2002	11/14/2002	3/7/2002	3/7/2002	5/30/2002	5/30/2002	8/26/2002	8/26/2002	12/4/2002	12/4/2002	3/12/2002	3/12/2002	6/20/2002	6/20/2002	6/20/2002
Volatile Organics (ug/L)																
1,1,1,2-TETRACHLOROETHANE						0.5 U		0.5 U						0.5 UJ	0.5 UJ	
1,1,1-TRICHLOROETHANE						0.5 U		0.5 U						0.5 U	0.5 U	
1,1,2,2-TETRACHLOROETHANE						0.3 U		0.3 U						0.3 U	0.3 U	
1,1,2-TRICHLOROETHANE						0.5 U		0.5 U						0.5 U	0.5 U	
1,1-DICHLOROETHANE						0.5 U		0.5 U						0.5 U	0.5 U	
1,1-DICHLOROETHENE		1 U		0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U	0.5 U	
1,2,3-TRICHLOROBENZENE						0.5 U		0.5 UJ						0.5 U	0.5 U	
1,2,3-TRICHLOROPROPANE						1 U		1 U						1 U	1 U	
1,2-DIBROMO-3-CHLOROPROPANE						0.5 U		0.5 U						0.5 UJ	0.5 UJ	
1,2-DIBROMOETHANE						0.5 U		0.5 U						0.5 U	0.5 U	
1,2-DICHLOROETHANE						0.3 U		0.3 U						0.3 U	0.3 U	
1,2-DICHLOROPROPANE						0.5 U		0.5 U						0.5 U	0.5 U	
1,4-DIOXANE						100 U								100 U	100 U	
2,2-DICHLOROPROPANE						0.5 U		0.5 U						0.5 U	0.5 U	
2-BUTANONE						5 U		5 U						5 UJ	5 UJ	
2-HEXANONE						5 U		5 U						5 U	5 U	
3-CHLOROPROPENE						5 U		5 UJ						5 UJ	5 UJ	
4-METHYL-2-PENTANONE						5 U		5 U						5 UJ	5 UJ	
ACETONE						5 U		5 UJ						5 UJ	5 UJ	
ACETONITRILE						40 U								40 U	40 U	
ACROLEIN						5 U		5 U						5 UJ	5 UJ	
ACRYLONITRILE						5 U		5 U						5 UJ	5 UJ	
BENZENE						0.3 U		0.3 U						0.3 U	0.3 U	
BROMOCHLOROMETHANE						0.5 U		0.5 U						0.5 U	0.5 U	
BROMODICHLOROMETHANE						0.3 U		0.3 U						0.3 U	0.3 U	
BROMOFORM						0.5 U		0.5 U						0.5 UJ	0.5 UJ	
BROMOMETHANE						1 U		1 U						1 U	1 U	
CARBON DISULFIDE						0.5 U		0.5 U						0.5 U	0.5 U	
CARBON TETRACHLORIDE						0.3 U		0.3 U						0.3 U	0.3 U	
CHLOROBENZENE						0.5 U		0.5 U						0.5 U	0.5 U	
CHLORODIBROMOMETHANE						0.5 U		0.5 U						0.5 U	0.5 U	
CHLOROETHANE						0.5 U		0.5 U						0.5 U	0.5 U	
CHLOROFORM						0.3 U		0.3 U						0.3 U	0.3 U	
CHLOROMETHANE						0.5 U		0.5 U						0.5 UJ	0.5 UJ	
CHLOROPRENE						5 U		5 UJ						5 U	5 U	
CIS-1,2-DICHLOROETHENE		1 U		0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U	0.5 U	
CIS-1,3-DICHLOROPROPENE						0.3 U		0.3 U						0.3 U	0.3 U	
DIBROMOMETHANE						0.5 U		0.5 U						0.5 U	0.5 U	
DICHLORODIFLUOROMETHANE						0.5 U		0.5 UJ						0.5 UJ	0.5 UJ	
ETHYL METHACRYLATE						5 U		5 U						5 U	5 U	
ETHYLBENZENE						0.5 U		0.5 U						0.5 U	0.5 U	
ISOBUTANOL						40 U								40 U	40 U	
METHACRYLONITRILE						5 U		5 UJ						5 UJ	5 UJ	
METHYL IODIDE						5 U		5 UJ						5 UJ	5 UJ	
METHYL METHACRYLATE						5 U		5 U						5 UJ	5 UJ	
METHYLENE CHLORIDE						1 U		1 UJ						1 UJ	1 UJ	
PROPIONITRILE						40 U								40 U	40 U	
STYRENE						0.5 U		0.5 U						0.5 U	0.5 U	
TETRACHLOROETHENE						0.5 U		0.5 U						0.5 U	0.5 U	
TOLUENE						0.5 U		0.5 U						0.5 U	0.5 U	

LOCATION	03C27	03C27	03C27	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A
NSAMPLE	AC273A02-F	AC274A02	AC274A02-F	AC301A02	AC301A02-F	AC302A02	AC302A02-F	AC303A02	AC303A02-F	AC304A02	AC304A02-F	ASPA1A02	ASPA1A02-F	ASPA2A02	ASPA2A02-D	ASPA2A02-F
SAMPLE	AC273A02F	AC274A02	AC274A02F	AC301A02	AC301A02F	AC302A02	AC302A02F	AC303A02	AC303A02F	AC304A02	AC304A02F	ASPA1A02	ASPA1A02F	ASPA2A02	FD06200201	ASPA2A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	8/27/2002	11/14/2002	11/14/2002	3/7/2002	3/7/2002	5/30/2002	5/30/2002	8/26/2002	8/26/2002	12/4/2002	12/4/2002	3/12/2002	3/12/2002	6/20/2002	6/20/2002	6/20/2002
TOTAL XYLENES						1 U		1 U						1 U	1 U	
TRANS-1,2-DICHLOROETHENE		1 U		0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U	0.5 U	
TRANS-1,3-DICHLOROPROPENE						0.5 U		0.5 U						0.5 U	0.5 U	
TRANS-1,4-DICHLORO-2-BUTENE						5 U		5 U						5 UJ	5 UJ	
TRICHLOROETHENE		3.8		0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U	0.5 U	
TRICHLOROFLUOROMETHANE						0.5 U		0.5 U						0.5 U	0.5 U	
VINYL ACETATE						5 U		5 U						5 UJ	5 UJ	
VINYL CHLORIDE		1 U		0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U	0.5 U	
Semivolatile Organics (ug/L)																
1,2,4,5-TETRACHLOROBENZENE						5 U								5 U	5 U	
1,2,4-TRICHLOROBENZENE						5 U								5 U	5 U	
1,2-DICHLOROBENZENE						5 U								5 U	5 U	
1,3-DICHLOROBENZENE						5 U								5 U	5 U	
1,4-DICHLOROBENZENE						5 U								5 U	5 U	
1,4-NAPHTHOQUINONE						5 U								5 U	5 U	
1,4-PHENYLENEDIAMINE						5 UR								5 UR	5 UR	
1-NAPHTHYLAMINE						5 UJ								5 U	5 U	
2,3,4,6-TETRACHLOROPHENOL						5 U								5 U	5 U	
2,4,5-TRICHLOROPHENOL						5 U								5 U	5 U	
2,4,6-TRICHLOROPHENOL						5 U								5 U	5 U	
2,4-DICHLOROPHENOL						5 U								5 U	5 U	
2,4-DIMETHYLPHENOL						5 U								5 U	5 U	
2,4-DINITROPHENOL						10 UJ								10 U	10 U	
2-ACETYLAMINOFLUORENE						5 U								5 U	5 U	
2-CHLORONAPHTHALENE						5 U								5 U	5 U	
2-CHLOROPHENOL						5 U								5 U	5 U	
2-METHYLNAPHTHALENE						0.1 U								0.1 U	0.1 U	
2-METHYLPHENOL						5 U								5 U	5 U	
2-NAPHTHYLAMINE						5 U								5 U	5 U	
2-NITROANILINE						5 U								5 U	5 U	
2-NITROPHENOL						5 U								5 U	5 U	
2-PICOLINE						5 U								5 U	5 U	
3&4-METHYLPHENOL						5 U								5 U	5 U	
3,3'-DICHLOROBENZIDINE						5 U								5 U	5 U	
3,3'-DIMETHYLBENZIDINE						5 U								5 U	5 U	
3-METHYLCHOLANTHRENE						5 U								5 U	5 U	
3-NITROANILINE						5 U								5 U	5 U	
4,6-DINITRO-2-METHYLPHENOL						5 U								5 U	5 U	
4-AMINOBIPHENYL						5 U								5 U	5 U	
4-BROMOPHENYL PHENYL ETHER						5 U								5 U	5 U	
4-CHLORO-3-METHYLPHENOL						5 U								5 U	5 U	
4-CHLOROANILINE						5 U								5 U	5 U	
4-CHLOROPHENYL PHENYL ETHER						5 U								5 U	5 U	
4-NITROANILINE						5 U								5 U	5 U	
4-NITROPHENOL						5 U								5 UJ	5 UJ	
4-NITROQUINOLINE-1-OXIDE						5 UR								5 UJ	5 UJ	
5-NITRO-O-TOLUIDINE						5 UJ								5 U	5 U	
7,12-DIMETHYLBENZ(A)ANTHRACENE						5 UJ								5 U	5 U	
A,A-DIMETHYLPHENETHYLAMINE						10 UJ								10 U	10 U	
ACENAPHTHENE						0.1 U								0.1 U	0.1 U	
ACENAPHTHYLENE						0.1 U								0.1 U	0.1 U	

LOCATION	03C27	03C27	03C27	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A
NSAMPLE	AC273A02-F	AC274A02	AC274A02-F	AC301A02	AC301A02-F	AC302A02	AC302A02-F	AC303A02	AC303A02-F	AC304A02	AC304A02-F	ASPA1A02	ASPA1A02-F	ASPA2A02	ASPA2A02-D	ASPA2A02-F
SAMPLE	AC273A02F	AC274A02	AC274A02F	AC301A02	AC301A02F	AC302A02	AC302A02F	AC303A02	AC303A02F	AC304A02	AC304A02F	ASPA1A02	ASPA1A02F	ASPA2A02	FD06200201	ASPA2A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	8/27/2002	11/14/2002	11/14/2002	3/7/2002	3/7/2002	5/30/2002	5/30/2002	8/26/2002	8/26/2002	12/4/2002	12/4/2002	3/12/2002	3/12/2002	6/20/2002	6/20/2002	6/20/2002
ACETOPHENONE						5 U								5 U	5 U	
ANILINE						5 U								5 U	5 U	
ANTHRACENE						0.1 U								0.1 U	0.1 U	
ARAMITE						5 UJ								5 U	5 U	
BENZO(A)ANTHRACENE						0.1 U								0.1 U	0.1 U	
BENZO(A)PYRENE						0.1 U								0.1 U	0.1 U	
BENZO(B)FLUORANTHENE						0.1 U								0.1 U	0.1 U	
BENZO(G,H,I)PERYLENE						0.1 U								0.1 U	0.1 U	
BENZO(K)FLUORANTHENE						0.1 U								0.1 U	0.1 U	
BENZYL ALCOHOL						5 U								5 U	5 U	
BIS(2-CHLOROETHOXY)METHANE						5 U								5 U	5 U	
BIS(2-CHLOROETHYL)ETHER						5 U								5 U	5 U	
BIS(2-CHLOROISOPROPYL)ETHER						5 U								5 UJ	5 UJ	
BIS(2-ETHYLHEXYL)PHTHALATE						1 J								5 U	5 U	
BUTYL BENZYL PHTHALATE						5 U								5 U	5 U	
CHLOROBENZILATE						5 UJ								5 U	5 U	
CHRYSENE						0.1 U								0.1 U	0.1 U	
DI-N-BUTYL PHTHALATE						5 U								5 U	5 U	
DI-N-OCTYL PHTHALATE						5 U								5 U	5 U	
DIALLATE						5 U								5 U	5 U	
DIBENZO(A,H)ANTHRACENE						0.1 U								0.1 U	0.1 U	
DIBENZOFURAN						5 U								5 U	5 U	
DIETHYL PHTHALATE						5 U								5 U	5 U	
DIMETHOATE						5 U								5 U	5 U	
DIMETHYL PHTHALATE						5 U								5 U	5 U	
DIPHENYLAMINE						5 U								5 U	5 U	
DISULFOTON						5 U								5 U	5 U	
ETHYL METHANE SULFONATE						5 U								5 U	5 U	
ETHYL PARATHION						5 U								5 U	5 U	
FLUORANTHENE						0.1 U								0.1 U	0.1 U	
FLUORENE						0.1 U								0.1 U	0.1 U	
HEXACHLOROBENZENE						5 U								5 U	5 U	
HEXACHLOROBUTADIENE						5 U								5 U	5 U	
HEXACHLOROCYCLOPENTADIENE						5 UJ								5 UR	5 U	
HEXACHLOROETHANE						5 U								5 U	5 U	
HEXACHLOROPROPENE						5 U								5 U	5 U	
INDENO(1,2,3-CD)PYRENE						0.1 U								0.1 U	0.1 U	
ISODRIN						5 U								5 U	5 U	
ISOPHORONE						5 U								5 U	5 U	
ISOSAFROLE						5 U								5 U	5 U	
KEPONE						5 UR								5 UR	5 UR	
METHAPYRILENE						5 U								5 U	5 U	
METHYL METHANE SULFONATE						5 U								5 U	5 U	
METHYL PARATHION						5 UJ								5 U	5 U	
N-NITROSO-DI-N-BUTYLAMINE						5 U								5 U	5 U	
N-NITROSO-DI-N-PROPYLAMINE						5 U								5 U	5 U	
N-NITROSODIETHYLAMINE						5 U								5 U	5 U	
N-NITROSODIMETHYLAMINE						5 U								5 U	5 U	
N-NITROSOMETHYLETHYLAMINE						5 U								5 U	5 U	
N-NITROSOMORPHOLINE						5 U								5 U	5 U	
N-NITROSOPIPERIDINE						5 U								5 UJ	5 UJ	

LOCATION	03C27	03C27	03C27	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A
NSAMPLE	AC273A02-F	AC274A02	AC274A02-F	AC301A02	AC301A02-F	AC302A02	AC302A02-F	AC303A02	AC303A02-F	AC304A02	AC304A02-F	ASPA1A02	ASPA1A02-F	ASPA2A02	ASPA2A02-D	ASPA2A02-F
SAMPLE	AC273A02F	AC274A02	AC274A02F	AC301A02	AC301A02F	AC302A02	AC302A02F	AC303A02	AC303A02F	AC304A02	AC304A02F	ASPA1A02	ASPA1A02F	ASPA2A02	FD06200201	ASPA2A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	8/27/2002	11/14/2002	11/14/2002	3/7/2002	3/7/2002	5/30/2002	5/30/2002	8/26/2002	8/26/2002	12/4/2002	12/4/2002	3/12/2002	3/12/2002	6/20/2002	6/20/2002	6/20/2002
N-NITROSOPYRROLIDINE						5 U								5 U	5 U	
NAPHTHALENE						0.1 U								0.1 U	0.1 U	
O,O,O-TRIETHYL PHOSPHOROTHIOAT						5 U								5 U	5 U	
O-TOLUIDINE						5 U								5 U	5 U	
PENTACHLOROBENZENE						5 U								5 U	5 U	
PENTACHLOROETHANE						5 U								5 U	5 U	
PENTACHLORONITROBENZENE						5 U								5 U	5 U	
PENTACHLOROPHENOL						5 U								5 U	5 U	
PHENACETIN						5 U								5 U	5 U	
PHENANTHRENE						0.1 U								0.1 U	0.1 U	
PHENOL						5 U								5 U	5 U	
PHORATE						5 U								5 U	5 U	
PRONAMIDE						5 U								5 U	5 U	
PYRENE						0.1 U								0.1 U	0.1 U	
PYRIDINE						5 U								5 U	5 U	
SAFROLE						5 U								5 U	5 U	
SULFOTEPP						10 U								10 U	10 U	
THIONAZIN						5 U								5 U	5 U	
Pesticides/PCBs (ug/L)																
4,4'-DDD						0.096 U								0.10999 U	0.09799 U	
4,4'-DDE						0.096 U								0.10999 U	0.09799 U	
4,4'-DDT						0.096 U								0.10999 U	0.09799 U	
ALDRIN						0.048 U								0.05299 U	0.04899 U	
ALPHA-BHC						0.048 U								0.05299 U	0.04899 U	
ALPHA-CHLORDANE						0.048 U								0.05299 U	0.04899 U	
AROCLOR-1016						0.95999 U								1.1 U	0.98 U	
AROCLOR-1221						1.9 U								2.1 U	2 U	
AROCLOR-1232						0.95999 U								1.1 U	0.98 U	
AROCLOR-1242						0.95999 U								1.1 U	0.98 U	
AROCLOR-1248						0.95999 U								1.1 U	0.98 U	
AROCLOR-1254						0.95999 U								1.1 U	0.98 U	
AROCLOR-1260						0.95999 U								1.1 U	0.98 U	
BETA-BHC						0.048 U								0.05299 U	0.04899 U	
DELTA-BHC						0.048 U								0.05299 U	0.04899 U	
DIELDRIN						0.096 U								0.10999 U	0.09799 U	
ENDOSULFAN I						0.048 U								0.05299 U	0.04899 U	
ENDOSULFAN II						0.096 U								0.10999 U	0.09799 U	
ENDOSULFAN SULFATE						0.096 U								0.10999 U	0.09799 U	
ENDRIN						0.096 U								0.10999 U	0.09799 U	
ENDRIN ALDEHYDE						0.096 U								0.10999 U	0.09799 U	
GAMMA-BHC (LINDANE)						0.048 U								0.05299 U	0.04899 U	
GAMMA-CHLORDANE						0.048 U								0.05299 U	0.04899 U	
HEPTACHLOR						0.048 U								0.05299 U	0.04899 U	
HEPTACHLOR EPOXIDE						0.048 U								0.05299 U	0.04899 U	
METHOXYCHLOR						0.47999 U								0.52999 U	0.49 U	
TOXAPHENE						4.8 U								5.3 U	4.9 U	
Explosives (ug/L)																
1,3,5-TRINITROBENZENE		0.77999 U		0.37 U		1.3 U		0.28 U		1.2 U		0.57999 U		1.1 U	0.64999 U	
1,3-DINITROBENZENE		0.77999 U		0.37 U		1.3 U		0.28 U		1.2 U		0.57999 U		1.1 U	0.64999 U	
2,4,6-TRINITROTOLUENE		0.77999 U		0.37 U		1.3 U		0.28 U		1.2 U		0.57999 U		4.1	4	
2,4-DINITROTOLUENE		0.77999 U		0.37 U		1.3 U		0.28 U		1.2 U		0.57999 U		1.1 U	0.64999 U	

LOCATION	03C27	03C27	03C27	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A
NSAMPLE	AC273A02-F	AC274A02	AC274A02-F	AC301A02	AC301A02-F	AC302A02	AC302A02-F	AC303A02	AC303A02-F	AC304A02	AC304A02-F	ASPA1A02	ASPA1A02-F	ASPA2A02	ASPA2A02-D	ASPA2A02-F
SAMPLE	AC273A02F	AC274A02	AC274A02F	AC301A02	AC301A02F	AC302A02	AC302A02F	AC303A02	AC303A02F	AC304A02	AC304A02F	ASPA1A02	ASPA1A02F	ASPA2A02	FD06200201	ASPA2A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	8/27/2002	11/14/2002	11/14/2002	3/7/2002	3/7/2002	5/30/2002	5/30/2002	8/26/2002	8/26/2002	12/4/2002	12/4/2002	3/12/2002	3/12/2002	6/20/2002	6/20/2002	6/20/2002
2,6-DINITROTOLUENE		0.77999 U		0.37 U		1.3 U		0.28 U		1.2 U		0.57999 U		1.1 U	0.64999 U	
2-AMINO-4,6-DINITROTOLUENE		0.77999 U		0.37 U		1.3 U		0.28 U		1.2 U		0.57999 U		1.1	1.3	
2-NITROTOLUENE		0.77999 U		0.37 U		1.3 U		0.28 U		1.2 U		0.57999 U		1.1 U	0.64999 U	
3-NITROTOLUENE		0.77999 U		0.37 U		1.3 U		0.28 U		1.2 U		0.57999 U		1.1 U	0.64999 U	
4-AMINO-2,6-DINITROTOLUENE		0.77999 UJ		0.37 U		1.3 U		0.28 UJ		1.2 UJ		0.57999 U		2.5	2.4	
4-NITROTOLUENE		0.77999 U		0.37 U		1.3 U		0.28 U		1.2 U		0.57999 U		1.1 U	0.64999 U	
HMX		0.77999 U		0.37 U		1.3 U		0.28 U		1.2 U		3.3		16	15	
NITROBENZENE		0.77999 U		0.37 U		1.3 U		0.28 U		1.2 U		0.57999 U		1.1 U	0.64999 U	
NITROCELLULOSE		1000 U		1000 U		1000 UR		1000 U		3300		1000 U		1000 U	1000 UJ	
NITROGLYCERIN		4 U		7.4 U		13 UJ		5.6 U		6.3 U		12 U		11 U	6.5 U	
PETN		1.9 U		3.6 U		6.3 U		2.8 U		3.1 U		5.8 U		5.2 U	3.2 U	
RDX		0.77999 U		0.37 U		1.2 U		0.28 U		1.2 U		3.4		37	35	
TETRYL		0.77999 U		0.37 UJ		1.3 U		0.28 U		1.2 U		0.57999 U		1.1 U	0.64999 U	
Herbicides (ug/L)																
2,4,5-T						0.07999 U								0.07999 U	0.07999 U	
2,4,5-TP (SILVEX)						0.07999 U								0.07999 U	0.07999 U	
2,4-D						0.21999								0.07999 U	0.07999 U	
DINOSEB						0.07999 U								0.07999 U	0.07999 U	
HEXACHLOROPHENE						0.025 U								0.025 U	0.025 U	
Dioxins/Furans (pg/L)																
1,2,3,4,6,7,8,9-OCDD														27.6 J	77.5 J	
1,2,3,4,6,7,8,9-OCDF														1.9 U	2.2 U	
1,2,3,4,6,7,8-HPCDD														1.6 U	5.8 J	
1,2,3,4,6,7,8-HPCDF														1.3 U	1.3 U	
1,2,3,4,7,8,9-HPCDF														1.6 U	1.7 U	
1,2,3,6,7,8-HXCDD														1 U	1 U	
1,2,3,6,7,8-HXCDF														0.8 U	0.8 U	
1,2,3,7,8,9-HXCDD														1 U	1 U	
1,2,3,7,8,9-HXCDF														1 U	1 U	
1,2,3,7,8-PECDD														1.3 U	1.2 U	
1,2,3,7,8-PECDF														0.8 U	0.8 U	
2,3,4,6,7,8-HXCDF														0.9 U	0.9 U	
2,3,4,7,8-PECDF														0.8 U	0.9 U	
2,3,7,8-TCDD														0.8 U	1 U	
2,3,7,8-TCDF														0.7 U	0.7 U	
TOTAL HPCDD														1.6 U	9.4 U	
TOTAL HPCDF														1.5 U	1.5 U	
TOTAL HXCDD														1.7 U	1.6 U	
TOTAL HXCDF														0.9 U	0.9 U	
TOTAL PECDD														1.3 U	1.2 U	
TOTAL PECDF														0.8 U	0.9 U	
TOTAL TCDD														1.1 U	1.6 U	
TOTAL TCDF														0.7 U	0.7 U	
Total Inorganics (ug/L)																
ANTIMONY		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U	
ARSENIC		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U	
BARIUM		28.8		54.2		58		50.6		57.3		46.4		106	107	
BERYLLIUM		1.1 U		1.1 UJ		1.1 U		1.1 U		1.1 U		1.1 UJ		1.1 U	1.1 U	
CADMIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U	
CHROMIUM		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U	5.6 U	
COBALT		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U	3.3 U	

LOCATION	03C27	03C27	03C27	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A
NSAMPLE	AC273A02-F	AC274A02	AC274A02-F	AC301A02	AC301A02-F	AC302A02	AC302A02-F	AC303A02	AC303A02-F	AC304A02	AC304A02-F	ASPA1A02	ASPA1A02-F	ASPA2A02	ASPA2A02-D	ASPA2A02-F
SAMPLE	AC273A02F	AC274A02	AC274A02F	AC301A02	AC301A02F	AC302A02	AC302A02F	AC303A02	AC303A02F	AC304A02	AC304A02F	ASPA1A02	ASPA1A02F	ASPA2A02	FD06200201	ASPA2A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	8/27/2002	11/14/2002	11/14/2002	3/7/2002	3/7/2002	5/30/2002	5/30/2002	8/26/2002	8/26/2002	12/4/2002	12/4/2002	3/12/2002	3/12/2002	6/20/2002	6/20/2002	6/20/2002
COPPER		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U	2.2 U	
LEAD		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U	
MERCURY		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U	0.2 U	
NICKEL		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U	11.1 U	
SELENIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U	
SILVER		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		222 U	222 U	
THALLIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U	
TIN		11.1 U		11.1 UJ		11.1 U		11.1 U		11.1 U		11.1 UJ		11.1 U	11.1 U	
VANADIUM		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U	2.2 U	
ZINC		11.1 U		11.1 U		11.1 U		40.7		11.1 U		11.1 U		11.1 U	11.1 U	
Dissolved Inorganics (ug/L)																
ANTIMONY	1 U		1 U		1 U		1 U		1 U		1 U		1 U			1 U
ARSENIC	1 U		1 U		1 U		1 U		1 U		1 U		1 U			1 U
BARIUM	26.7		29.1		50.5		36.7		46.7		33.6		49.3			102
BERYLLIUM	1 U		1 U		1 UJ		1 U		1 U		1 U		1 UJ			1 U
CADMIUM	1 U		1 U		1 U		1 U		1 U		1 U		1 U			1 U
CALCIUM	48600		51800		45700		38700		51300		28100		16800			40800
CHROMIUM	5 U		5 U		5 U		5 U		5 U		5 U		5 U			5 U
COBALT	3 U		3 U		3 U		3 U		3 U		3 U		3 U			3 U
COPPER	2 U		2 U		2 U		2 U		2 U		2 U		2 U			2 U
LEAD	1 U		1 U		1 U		1 U		1 U		1 U		1 U			1 U
MAGNESIUM	2790		2770		37400		23400		30600		22100		5670			9940
MERCURY	0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U			0.2 U
NICKEL	10 U		10 U		10 U		10 U		10 U		10 U		10 U			10 U
POTASSIUM	1080		1340		3500		2300		2440		2530		1460			2540
SELENIUM	1 U		1 U		1 U		1 U		1 U		1 U		1 U			1 U
SILVER	200 U		3 U		3 U		3 U		200 U		3 U		3 U			200 U
SODIUM	5350		5510		92000		72500		67600		91600		3980			5560
THALLIUM	1 U		1 U		1 U		1 U		1 U		1 U		1 U			1 U
TIN	10 U		10 U		10 UJ		10 U		10 U		10 U		14.7 J			10 U
VANADIUM	2 U		2 U		2 U		2 U		2 U		2 U		2 U			2 U
ZINC	75.3		10 U		10 UJ		10 UJ		10 U		10 U		10 UJ			10 U
Miscellaneous Parameters (mg/L)																
CHLORIDE		3		2		2		2		2		3		5	5	
CYANIDE		0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U	0.00999 U	
PHOSPHORUS (ELEMENTAL)		0.1 UJ		0.10999 J		0.1 U		0.1 U		0.1 U		0.05999 J		0.1 U	0.1 U	
SULFATE		9		120 J		130		120		120		29		39	39	
SULFIDE						1 U								1 U	1 U	
TOTAL ORGANIC CARBON		1 UJ		1 U		1.3		1 U		1 U		2.8		1.3	1.3	
TOTAL ORGANIC HALIDES		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U		0.05 UJ	0.05 UJ	
Dissolved Miscellaneous Parameters (mg/L)																
PHOSPHORUS (ELEMENTAL)	0.1 U		0.1 UJ		0.07 J		0.2 U		0.1 U		0.1 U		0.05999 J			0.1 U

LOCATION	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPA2A02-F-D	ASPA3A02	ASPA3A02-F	ASPA4A02	ASPA4A02-F	ASPC1A02	ASPC1A02-F	ASPC2A02	ASPC2A02-F	ASPC3A02	ASPC3A02-F	ASPC4A02	ASPC4A02-F
SAMPLE	FD06200201F	ASPA3A02	ASPA3A02F	ASPA4A02	ASPA4A02F	ASPC1A02	ASPC1A02F	ASPC2A02	ASPC2A02F	ASPC3A02	ASPC3A02F	ASPC4A02	ASPC4A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/20/2002	9/10/2002	9/10/2002	12/9/2002	12/9/2002	3/11/2002	3/11/2002	6/24/2002	6/24/2002	9/9/2002	9/9/2002	12/12/2002	12/12/2002
Volatile Organics (ug/L)													
1,1,1,2-TETRACHLOROETHANE		0.5 U						0.5 UJ		0.5 U			
1,1,1-TRICHLOROETHANE		0.5 U						0.5 U		0.5 U			
1,1,2,2-TETRACHLOROETHANE		0.3 U						0.3 U		0.3 U			
1,1,2-TRICHLOROETHANE		0.5 U						0.5 U		0.5 U			
1,1-DICHLOROETHANE		0.5 U						0.5 U		0.5 U			
1,1-DICHLOROETHENE		0.5 U		1 U		0.5 U		0.5 U		0.5 U		1 U	
1,2,3-TRICHLOROBENZENE		0.5 UJ						0.5 U		0.5 UJ			
1,2,3-TRICHLOROPROPANE		1 U						1 U		1 U			
1,2-DIBROMO-3-CHLOROPROPANE		0.5 UJ						0.5 UJ		0.5 UJ			
1,2-DIBROMOETHANE		0.5 U						0.5 U		0.5 U			
1,2-DICHLOROETHANE		0.3 U						0.3 U		0.3 U			
1,2-DICHLOROPROPANE		0.5 U						0.5 U		0.5 U			
1,4-DIOXANE								100 U					
2,2-DICHLOROPROPANE		0.5 UJ						0.5 U		0.5 UJ			
2-BUTANONE		5 UJ						5 UJ		5 U			
2-HEXANONE		5 UJ						5 U		5 U			
3-CHLOROPROPENE		5 UJ						5 UJ		5 U			
4-METHYL-2-PENTANONE		5 U						5 UJ		5 U			
ACETONE		5 U						5 UJ		5 UJ			
ACETONITRILE								40 U					
ACROLEIN		5 UJ						5 UJ		5 UJ			
ACRYLONITRILE		5 U						5 UJ		5 U			
BENZENE		0.3 U						0.3 U		0.3 U			
BROMOCHLOROMETHANE		0.5 U						0.5 U		0.5 U			
BROMODICHLOROMETHANE		0.3 U						0.3 U		0.3 U			
BROMOFORM		0.5 U						0.5 UJ		0.5 U			
BROMOMETHANE		1 UJ						1 U		1 U			
CARBON DISULFIDE		0.5 U						0.5 U		0.5 U			
CARBON TETRACHLORIDE		0.3 U						0.3 U		0.3 U			
CHLOROBENZENE		0.5 U						0.5 U		0.5 U			
CHLORODIBROMOMETHANE		0.5 U						0.5 U		0.5 U			
CHLOROETHANE		0.5 U						0.5 U		0.5 U			
CHLOROFORM		0.3 U						0.3 U		0.3 U			
CHLOROMETHANE		0.5 U						0.5 UJ		0.5 U			
CHLOROPRENE		5 UJ						5 U		5 UJ			
CIS-1,2-DICHLOROETHENE		0.5 U		1 U		0.5 U		0.5 U		0.5 U		1 U	
CIS-1,3-DICHLOROPROPENE		0.3 U						0.3 U		0.3 U			
DIBROMOMETHANE		0.5 U						0.5 U		0.5 U			
DICHLORODIFLUOROMETHANE		0.5 U						0.5 UJ		0.5 U			
ETHYL METHACRYLATE		5 U						5 U		5 U			
ETHYLBENZENE		0.5 U						0.5 U		0.5 U			
ISOBUTANOL								40 U					
METHACRYLONITRILE		5 U						5 UJ		5 U			
METHYL IODIDE		5 U						5 UJ		5 UJ			
METHYL METHACRYLATE		5 U						5 UJ		5 U			
METHYLENE CHLORIDE		1 UJ						1 UJ		1 UJ			
PROPIONITRILE								40 U					
STYRENE		0.5 U						0.5 U		0.5 U			
TETRACHLOROETHENE		0.5 U						0.5 U		0.5 U			
TOLUENE		0.5 U						0.5 U		0.5 U			

LOCATION	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPA2A02-F-D	ASPA3A02	ASPA3A02-F	ASPA4A02	ASPA4A02-F	ASPC1A02	ASPC1A02-F	ASPC2A02	ASPC2A02-F	ASPC3A02	ASPC3A02-F	ASPC4A02	ASPC4A02-F
SAMPLE	FD06200201F	ASPA3A02	ASPA3A02F	ASPA4A02	ASPA4A02F	ASPC1A02	ASPC1A02F	ASPC2A02	ASPC2A02F	ASPC3A02	ASPC3A02F	ASPC4A02	ASPC4A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/20/2002	9/10/2002	9/10/2002	12/9/2002	12/9/2002	3/11/2002	3/11/2002	6/24/2002	6/24/2002	9/9/2002	9/9/2002	12/12/2002	12/12/2002
TOTAL XYLENES		1 U						1 U		1 U			
TRANS-1,2-DICHLOROETHENE		0.5 U		1 U		0.5 U		0.5 U		0.5 U		1 U	
TRANS-1,3-DICHLOROPROPENE		0.5 U						0.5 U		0.5 U			
TRANS-1,4-DICHLORO-2-BUTENE		5 U						5 UJ		5 U			
TRICHLOROETHENE		0.5 U		1 U		0.5 U		0.5 U		0.5 U		1 U	
TRICHLOROFLUOROMETHANE		0.5 U						0.5 U		0.5 U			
VINYL ACETATE		5 U						5 UJ		5 UJ			
VINYL CHLORIDE		0.5 U		1 U		0.5 U		0.5 U		0.5 U		1 U	
Semivolatile Organics (ug/L)													
1,2,4,5-TETRACHLOROBENZENE								5 U					
1,2,4-TRICHLOROBENZENE								5 U					
1,2-DICHLOROBENZENE								5 U					
1,3-DICHLOROBENZENE								5 U					
1,4-DICHLOROBENZENE								5 U					
1,4-NAPHTHOQUINONE								5 U					
1,4-PHENYLENEDIAMINE								5 UR					
1-NAPHTHYLAMINE								5 U					
2,3,4,6-TETRACHLOROPHENOL								5 U					
2,4,5-TRICHLOROPHENOL								5 U					
2,4,6-TRICHLOROPHENOL								5 U					
2,4-DICHLOROPHENOL								5 U					
2,4-DIMETHYLPHENOL								5 U					
2,4-DINITROPHENOL								9 U					
2-ACETYLAMINOFLUORENE								5 U					
2-CHLORONAPHTHALENE								5 U					
2-CHLOROPHENOL								5 U					
2-METHYLNAPHTHALENE								0.09 U					
2-METHYLPHENOL								5 U					
2-NAPHTHYLAMINE								5 U					
2-NITROANILINE								5 U					
2-NITROPHENOL								5 U					
2-PICOLINE								5 U					
3&4-METHYLPHENOL								5 U					
3,3'-DICHLOROBENZIDINE								5 U					
3,3'-DIMETHYLBENZIDINE								5 U					
3-METHYLCHOLANTHRENE								5 U					
3-NITROANILINE								5 U					
4,6-DINITRO-2-METHYLPHENOL								5 U					
4-AMINOBIPHENYL								5 U					
4-BROMOPHENYL PHENYL ETHER								5 U					
4-CHLORO-3-METHYLPHENOL								5 U					
4-CHLOROANILINE								5 U					
4-CHLOROPHENYL PHENYL ETHER								5 U					
4-NITROANILINE								5 U					
4-NITROPHENOL								5 U					
4-NITROQUINOLINE-1-OXIDE								5 UJ					
5-NITRO-O-TOLUIDINE								5 U					
7,12-DIMETHYLBENZ(A)ANTHRACENE								5 U					
A,A-DIMETHYLPHENETHYLAMINE								9 U					
ACENAPHTHENE								0.09 U					
ACENAPHTHYLENE								0.09 U					

LOCATION	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPA2A02-F-D	ASPA3A02	ASPA3A02-F	ASPA4A02	ASPA4A02-F	ASPC1A02	ASPC1A02-F	ASPC2A02	ASPC2A02-F	ASPC3A02	ASPC3A02-F	ASPC4A02	ASPC4A02-F
SAMPLE	FD06200201F	ASPA3A02	ASPA3A02F	ASPA4A02	ASPA4A02F	ASPC1A02	ASPC1A02F	ASPC2A02	ASPC2A02F	ASPC3A02	ASPC3A02F	ASPC4A02	ASPC4A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/20/2002	9/10/2002	9/10/2002	12/9/2002	12/9/2002	3/11/2002	3/11/2002	6/24/2002	6/24/2002	9/9/2002	9/9/2002	12/12/2002	12/12/2002
ACETOPHENONE								5 U					
ANILINE								5 U					
ANTHRACENE								0.09 U					
ARAMITE								5 U					
BENZO(A)ANTHRACENE								0.09 U					
BENZO(A)PYRENE								0.09 U					
BENZO(B)FLUORANTHENE								0.09 U					
BENZO(G,H,I)PERYLENE								0.09 U					
BENZO(K)FLUORANTHENE								0.09 U					
BENZYL ALCOHOL								5 U					
BIS(2-CHLOROETHOXY)METHANE								5 U					
BIS(2-CHLOROETHYL)ETHER								5 U					
BIS(2-CHLOROISOPROPYL)ETHER								5 UJ					
BIS(2-ETHYLHEXYL)PHTHALATE								5 U					
BUTYL BENZYL PHTHALATE								5 U					
CHLOROBENZILATE								5 U					
CHRYSENE								0.09 U					
DI-N-BUTYL PHTHALATE								5 U					
DI-N-OCTYL PHTHALATE								5 U					
DIALLATE								5 U					
DIBENZO(A,H)ANTHRACENE								0.09 U					
DIBENZOFURAN								5 U					
DIETHYL PHTHALATE								5 U					
DIMETHOATE								5 U					
DIMETHYL PHTHALATE								5 U					
DIPHENYLAMINE								5 U					
DISULFOTON								5 U					
ETHYL METHANE SULFONATE								5 U					
ETHYL PARATHION								5 U					
FLUORANTHENE								0.09 U					
FLUORENE								0.09 U					
HEXACHLOROBENZENE								5 U					
HEXACHLOROBUTADIENE								5 U					
HEXACHLOROCYCLOPENTADIENE								5 UR					
HEXACHLOROETHANE								5 U					
HEXACHLOROPROPENE								5 U					
INDENO(1,2,3-CD)PYRENE								0.09 U					
ISODRIN								5 U					
ISOPHORONE								5 U					
ISOSAFROLE								5 U					
KEPONE								5 UR					
METHAPYRILENE								5 U					
METHYL METHANE SULFONATE								5 U					
METHYL PARATHION								5 U					
N-NITROSO-DI-N-BUTYLAMINE								5 U					
N-NITROSO-DI-N-PROPYLAMINE								5 U					
N-NITROSODIETHYLAMINE								5 U					
N-NITROSODIMETHYLAMINE								5 U					
N-NITROSOMETHYLETHYLAMINE								5 U					
N-NITROSOMORPHOLINE								5 U					
N-NITROSOPIPERIDINE								5 UJ					

LOCATION	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPA2A02-F-D	ASPA3A02	ASPA3A02-F	ASPA4A02	ASPA4A02-F	ASPC1A02	ASPC1A02-F	ASPC2A02	ASPC2A02-F	ASPC3A02	ASPC3A02-F	ASPC4A02	ASPC4A02-F
SAMPLE	FD06200201F	ASPA3A02	ASPA3A02F	ASPA4A02	ASPA4A02F	ASPC1A02	ASPC1A02F	ASPC2A02	ASPC2A02F	ASPC3A02	ASPC3A02F	ASPC4A02	ASPC4A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/20/2002	9/10/2002	9/10/2002	12/9/2002	12/9/2002	3/11/2002	3/11/2002	6/24/2002	6/24/2002	9/9/2002	9/9/2002	12/12/2002	12/12/2002
N-NITROSOPYRROLIDINE								5 U					
NAPHTHALENE								0.09 U					
O,O,O-TRIETHYL PHOSPHOROTHIOAT								5 U					
O-TOLUIDINE								5 U					
PENTACHLOROBENZENE								5 U					
PENTACHLOROETHANE								5 U					
PENTACHLORONITROBENZENE								5 U					
PENTACHLOROPHENOL								5 U					
PHENACETIN								5 U					
PHENANTHRENE								0.09 U					
PHENOL								5 U					
PHORATE								5 U					
PRONAMIDE								5 U					
PYRENE								0.09 U					
PYRIDINE								5 U					
SAFROLE								5 U					
SULFOTEPP								9 U					
THIONAZIN								5 U					
Pesticides/PCBs (ug/L)													
4,4'-DDD								0.097 U					
4,4'-DDE								0.097 U					
4,4'-DDT								0.097 U					
ALDRIN								0.04899 U					
ALPHA-BHC								0.04899 U					
ALPHA-CHLORDANE								0.04899 U					
AROCLOR-1016								0.97 U					
AROCLOR-1221								1.9 U					
AROCLOR-1232								0.97 U					
AROCLOR-1242								0.97 U					
AROCLOR-1248								0.97 U					
AROCLOR-1254								0.97 U					
AROCLOR-1260								0.97 U					
BETA-BHC								0.04899 U					
DELTA-BHC								0.04899 U					
DIELDRIN								0.097 U					
ENDOSULFAN I								0.04899 U					
ENDOSULFAN II								0.097 U					
ENDOSULFAN SULFATE								0.097 U					
ENDRIN								0.097 U					
ENDRIN ALDEHYDE								0.097 U					
GAMMA-BHC (LINDANE)								0.04899 U					
GAMMA-CHLORDANE								0.04899 U					
HEPTACHLOR								0.04899 U					
HEPTACHLOR EPOXIDE								0.04899 U					
METHOXYCHLOR								0.49 U					
TOXAPHENE								4.9 U					
Explosives (ug/L)													
1,3,5-TRINITROBENZENE		0.43999 U		1.1 U		0.36 U		1.2 U		0.62999 U		1.2 U	
1,3-DINITROBENZENE		0.43999 U		1.1 U		0.36 U		1.2 U		0.62999 U		1.2 U	
2,4,6-TRINITROTOLUENE		1.6		5.5		0.36 U		1.2 U		0.62999 U		1.2 U	
2,4-DINITROTOLUENE		0.43999 U		1.1 U		0.36 U		1.2 U		0.62999 U		1.2 U	

LOCATION	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPA2A02-F-D	ASPA3A02	ASPA3A02-F	ASPA4A02	ASPA4A02-F	ASPC1A02	ASPC1A02-F	ASPC2A02	ASPC2A02-F	ASPC3A02	ASPC3A02-F	ASPC4A02	ASPC4A02-F
SAMPLE	FD06200201F	ASPA3A02	ASPA3A02F	ASPA4A02	ASPA4A02F	ASPC1A02	ASPC1A02F	ASPC2A02	ASPC2A02F	ASPC3A02	ASPC3A02F	ASPC4A02	ASPC4A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/20/2002	9/10/2002	9/10/2002	12/9/2002	12/9/2002	3/11/2002	3/11/2002	6/24/2002	6/24/2002	9/9/2002	9/9/2002	12/12/2002	12/12/2002
2,6-DINITROTOLUENE		0.43999 U		1.1 U		0.36 U		1.2 U		0.62999 U		1.2 U	
2-AMINO-4,6-DINITROTOLUENE		1.5		1.6		0.36 U		1.2 U		0.62999 U		1.2 U	
2-NITROTOLUENE		0.43999 U		1.1 U		0.36 U		1.2 U		0.62999 U		1.2 U	
3-NITROTOLUENE		0.43999 U		1.1 U		0.36 U		1.2 U		0.62999 U		1.2 U	
4-AMINO-2,6-DINITROTOLUENE		2.7		3.7 J		0.36 U		1.2 U		0.62999 UJ		1.2 U	
4-NITROTOLUENE		0.43999 U		1.1 U		0.36 U		1.2 U		0.62999 U		1.2 U	
HMX		35		23		0.36 U		1.4		0.62999 U		1.4	
NITROBENZENE		0.43999 U		1.1 U		0.36 U		1.2 U		0.62999 U		1.2 U	
NITROCELLULOSE		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U	
NITROGLYCERIN		8.7 U		5.8 U		7.2 U		12 U		13 U		6.1 U	
PETN		4.3 U		2.8 U		3.5 U		5.8 U		6.2 U		3 U	
RDX		140		73		2.5		3.9		0.62999 U		3.1	
TETRYL		0.43999 U		1.1 U		0.36 UJ		1.2 U		0.62999 U		1.2 U	
Herbicides (ug/L)													
2,4,5-T								0.07999 U					
2,4,5-TP (SILVEX)								0.07999 U					
2,4-D								0.07999 U					
DINOSEB								0.07999 U					
HEXACHLOROPHENE								0.025 U					
Dioxins/Furans (pg/L)													
1,2,3,4,6,7,8,9-OCDD								17.7 J					
1,2,3,4,6,7,8,9-OCDF								5.9 U					
1,2,3,4,6,7,8-HPCDD								4.3 U					
1,2,3,4,6,7,8-HPCDF								2.3 U					
1,2,3,4,7,8,9-HPCDF								3.2 U					
1,2,3,6,7,8-HXCDD								2.6 U					
1,2,3,6,7,8-HXCDF								1.9 U					
1,2,3,7,8,9-HXCDD								2.6 U					
1,2,3,7,8,9-HXCDF								2.6 U					
1,2,3,7,8-PECDD								3.5 U					
1,2,3,7,8-PECDF								2.3 U					
2,3,4,6,7,8-HXCDF								2.1 U					
2,3,4,7,8-PECDF								2.3 U					
2,3,7,8-TCDD								3.3 U					
2,3,7,8-TCDF								2.4 U					
TOTAL HPCDD								4.3 U					
TOTAL HPCDF								2.7 U					
TOTAL HXCDD								2.6 U					
TOTAL HXCDF								2.1 U					
TOTAL PECDD								3.5 U					
TOTAL PECDF								2.3 U					
TOTAL TCDD								3.3 U					
TOTAL TCDF								2.4 U					
Total Inorganics (ug/L)													
ANTIMONY		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
ARSENIC		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
BARIUM		104		98.7		33.7		66.7		58.7		62.1	
BERYLLIUM		1.1 U		1.1 U		1.1 UJ		1.1 U		1.1 U		1.1 U	
CADMIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
CHROMIUM		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U	
COBALT		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U	

LOCATION	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPA2A02-F-D	ASPA3A02	ASPA3A02-F	ASPA4A02	ASPA4A02-F	ASPC1A02	ASPC1A02-F	ASPC2A02	ASPC2A02-F	ASPC3A02	ASPC3A02-F	ASPC4A02	ASPC4A02-F
SAMPLE	FD06200201F	ASPA3A02	ASPA3A02F	ASPA4A02	ASPA4A02F	ASPC1A02	ASPC1A02F	ASPC2A02	ASPC2A02F	ASPC3A02	ASPC3A02F	ASPC4A02	ASPC4A02F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/20/2002	9/10/2002	9/10/2002	12/9/2002	12/9/2002	3/11/2002	3/11/2002	6/24/2002	6/24/2002	9/9/2002	9/9/2002	12/12/2002	12/12/2002
COPPER		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U	
LEAD		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
MERCURY		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U	
NICKEL		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U	
SELENIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
SILVER		3.3 U		3.3 U		3.3 U		222 U		3.3 U		3.3 U	
THALLIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
TIN		11.1 U		11.1 U		11.1 UJ		11.1 U		11.1 U		11.1 U	
VANADIUM		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U	
ZINC		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U	
Dissolved Inorganics (ug/L)													
ANTIMONY	1 U		1 U		1 U		1 U		1 U		1 U		1 U
ARSENIC	1 U		1 U		1 U		1 U		1 U		1 U		1 U
BARIUM	103		17.5 U		97		36.1		63.3		57.2		58.9
BERYLLIUM	1 U		1 U		1 U		1 UJ		1 U		1 U		1 U
CADMIUM	1 U		1 U		1 U		1 U		1 U		1 U		1 U
CALCIUM	40800		62800		51600		16800		49600		55400		52800
CHROMIUM	5 U		5 U		5 U		5 U		5 U		5 U		5 U
COBALT	3 U		3 U		3 U		3 U		3 U		3 U		3 U
COPPER	2 U		2 U		2 U		2 U		2 U		2 U		2 U
LEAD	1 U		1 U		1 U		1 U		1 U		1 U		1 U
MAGNESIUM	9990		14800		11900		3980		9100		12400		11200
MERCURY	0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U
NICKEL	10 U		10 U		10 U		10 U		10 U		10 U		10 U
POTASSIUM	2570		1930		2740		1200		1200		1000		1230
SELENIUM	1 U		1 U		1 U		1 U		1 U		1 U		1 U
SILVER	200 U		30 U		3 U		3 U		200 U		3 U		3 U
SODIUM	5610		11000		8060		2570		4960		6760		6930
THALLIUM	1 U		1 U		1 U		1 U		1 U		1 U		1 U
TIN	10 U		10 U		10 U		10 UJ		10 U		10 U		10 U
VANADIUM	2 U		2 U		2 U		2 U		2 U		2 U		2 U
ZINC	10 U		10 U		10 U		21.2 J		10 U		10 U		10 U
Miscellaneous Parameters (mg/L)													
CHLORIDE		14		9		2		4		5		7	
CYANIDE		0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U	
PHOSPHORUS (ELEMENTAL)		0.1 U		0.1 U		0.15999 J		0.1 U		0.1 U		0.1 UJ	
SULFATE		73		55		20		36		62		57 J	
SULFIDE								1 U					
TOTAL ORGANIC CARBON		1.1		1.5		1.3		1 U		1 U		1 U	
TOTAL ORGANIC HALIDES		0.05 U		0.05 U		0.05 U		0.05 UJ		0.05 U		0.05 U	
Dissolved Miscellaneous Parameters (mg/L)													
PHOSPHORUS (ELEMENTAL)	0.1 U		0.1 U		0.1 U		0.1 J		0.1 UJ		0.1 U		0.1 UJ

SWMU 03 – AMMUNITION BURING GROUND

2003 GROUND WATER MONITORING DATA

LOCATION	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C03	03C03	03C03
NSAMPLE	AC02P21A03	AC02P21A03-F	AC02P22A03	AC02P22A03-F	AC02P23A03	AC02P23A03-F	AC02P24A03	AC02P24A03-F	AC031A03	AC031A03-F	AC032A03	AC032A03-F	AC033A03	AC033A03-F	AC034A03
SAMPLE	AC02P21A03	AC02P21A03-F	AC02P22A03	AC02P22A03-F	AC02P23A03	AC02P23A03-F	AC02P24A03	AC02P24A03-F	AC031A03	AC031A03-F	AC032A03	AC032A03-F	AC033A03	AC033A03-F	AC034A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/4/2003	3/4/2003	6/10/2003	6/10/2003	8/26/2003	8/26/2003	12/1/2003	12/1/2003	2/24/2003	2/24/2003	5/21/2003	5/21/2003	8/25/2003	8/25/2003	11/6/2003
Volatile Organics (ug/L)															
1,1,1,2-TETRACHLOROETHANE			0.5 U								0.5 U				
1,1,1-TRICHLOROETHANE			0.5 U								0.5 U				
1,1,2,2-TETRACHLOROETHANE			0.3 U								0.3 U				
1,1,2-TRICHLOROETHANE			0.5 U								0.5 U				
1,1-DICHLOROETHANE			0.5 U								0.5 U				
1,1-DICHLOROETHENE	1 U		0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U		0.5 U
1,2,3-TRICHLOROBENZENE			0.5 UJ								0.5 UJ				
1,2,3-TRICHLOROPROPANE			1 U								1 U				
1,2-DIBROMO-3-CHLOROPROPANE			0.5 U								0.5 U				
1,2-DIBROMOETHANE			0.5 U								0.5 U				
1,2-DICHLOROETHANE			0.3 U								0.3 U				
1,2-DICHLOROPROPANE			0.5 U								0.5 U				
1,4-DIOXANE			100 U								100 U				
2,2-DICHLOROPROPANE			0.5 U								0.5 U				
2-BUTANONE			5 UR								5 UR				
2-HEXANONE			5 U								5 U				
3-CHLOROPROPENE			5 U								5 U				
4-METHYL-2-PENTANONE			5 U								5 U				
ACETONE			5 UR								5 UR				
ACETONITRILE			40 U								40 U				
ACROLEIN			5 UR								5 UR				
ACRYLONITRILE			5 UR								5 UR				
BENZENE			0.3 U								0.3 U				
BROMOCHLOROMETHANE			0.5 U								0.5 U				
BROMODICHLOROMETHANE			0.3 U								0.3 U				
BROMOFORM			0.5 U								0.5 U				
BROMOMETHANE			1 U								1 U				
CARBON DISULFIDE			0.5 U								0.5 U				
CARBON TETRACHLORIDE			0.3 U								0.3 U				
CHLOROBENZENE			0.5 U								0.5 U				
CHLORODIBROMOMETHANE			0.5 U								0.5 U				
CHLOROETHANE			0.5 U								0.5 U				
CHLOROFORM			0.3 U								0.3 U				
CHLOROMETHANE			0.5 U								0.5 U				
CHLOROPRENE			5 U								5 U				
CIS-1,2-DICHLOROETHENE	1 U		0.5 U		2.4		0.5 U		1 U		0.5 U		0.5 U		0.5 U
CIS-1,3-DICHLOROPROPENE			0.3 U								0.3 U				
DIBROMOMETHANE			0.5 U								0.5 U				
DICHLORODIFLUOROMETHANE			0.5 U								0.5 U				
ETHYL METHACRYLATE			5 U								5 U				
ETHYLBENZENE			0.5 U								0.5 U				
ISOBUTANOL			40 U								40 U				
METHACRYLONITRILE			5 UR								5 UR				
METHYL IODIDE			5 U								5 U				
METHYL METHACRYLATE			5 U								5 U				
METHYLENE CHLORIDE			1 U								1 U				
PROPIONITRILE			40 U								40 U				
STYRENE			0.5 U								0.5 U				
TETRACHLOROETHENE			0.5 UJ								0.5 U				

LOCATION	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C03	03C03	03C03
NSAMPLE	AC02P21A03	AC02P21A03-F	AC02P22A03	AC02P22A03-F	AC02P23A03	AC02P23A03-F	AC02P24A03	AC02P24A03-F	AC031A03	AC031A03-F	AC032A03	AC032A03-F	AC033A03	AC033A03-F	AC034A03
SAMPLE	AC02P21A03	AC02P21A03-F	AC02P22A03	AC02P22A03-F	AC02P23A03	AC02P23A03-F	AC02P24A03	AC02P24A03-F	AC031A03	AC031A03-F	AC032A03	AC032A03-F	AC033A03	AC033A03-F	AC034A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/4/2003	3/4/2003	6/10/2003	6/10/2003	8/26/2003	8/26/2003	12/1/2003	12/1/2003	2/24/2003	2/24/2003	5/21/2003	5/21/2003	8/25/2003	8/25/2003	11/6/2003
TOLUENE			0.5 U								0.5 U				
TOTAL XYLENES			1 U								1 U				
TRANS-1,2-DICHLOROETHENE	1 U		0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U		0.5 U
TRANS-1,3-DICHLOROPROPENE			0.5 U								0.5 U				
TRANS-1,4-DICHLORO-2-BUTENE			5 U								5 U				
TRICHLOROETHENE	2.3		4.8		10		2.9		1 U		0.5 U		0.5 U		0.5 U
TRICHLOROFLUOROMETHANE			0.5 U								0.5 U				
VINYL ACETATE			5 U								5 U				
VINYL CHLORIDE	1 U		0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U		0.5 U
Semivolatile Organics (ug/L)															
1,2,4,5-TETRACHLOROBENZENE			5 U								5 U				
1,2,4-TRICHLOROBENZENE			5 U								5 U				
1,2-DICHLOROBENZENE			5 U								5 U				
1,3-DICHLOROBENZENE			5 U								5 U				
1,4-DICHLOROBENZENE			5 U								5 U				
1,4-NAPHTHOQUINONE			5 U								5 U				
1,4-PHENYLENEDIAMINE			5 UJ								5 UJ				
1-NAPHTHYLAMINE			5 U								5 U				
2,2'-OXYBIS(1-CHLOROPROPANE)			5 U								5 U				
2,3,4,6-TETRACHLOROPHENOL			5 U								5 U				
2,4,5-TRICHLOROPHENOL			5 U								5 U				
2,4,6-TRICHLOROPHENOL			5 U								5 U				
2,4-DICHLOROPHENOL			5 U								5 U				
2,4-DIMETHYLPHENOL			5 U								5 U				
2,4-DINITROPHENOL			10 U								10 UJ				
2,6-DICHLOROPHENOL			5 U								5 U				
2-ACETYLAMINOFLUORENE			5 U								5 UJ				
2-CHLORONAPHTHALENE			5 U								5 U				
2-CHLOROPHENOL			5 U								5 U				
2-METHYLNAPHTHALENE			0.1 U								0.1 U				
2-METHYLPHENOL			5 U								5 U				
2-NAPHTHYLAMINE			5 U								5 U				
2-NITROANILINE			5 U								5 U				
2-NITROPHENOL			5 U								5 U				
2-PICOLINE			5 U								5 U				
3&4-METHYLPHENOL			5 U								5 U				
3,3'-DICHLOROBENZIDINE			5 U								5 U				
3,3'-DIMETHYLBENZIDINE			5 U								5 U				
3-METHYLCHOLANTHRENE			5 U								5 U				
3-NITROANILINE			5 U								5 U				
4,6-DINITRO-2-METHYLPHENOL			5 U								5 U				
4-AMINOBIPHENYL			5 U								5 U				
4-BROMOPHENYL PHENYL ETHER			5 U								5 U				
4-CHLORO-3-METHYLPHENOL			5 U								5 U				
4-CHLOROANILINE			5 U								5 U				
4-CHLOROPHENYL PHENYL ETHER			5 U								5 U				
4-NITROANILINE			5 U								5 U				
4-NITROPHENOL			5 U								5 UJ				
4-NITROQUINOLINE-1-OXIDE			5 U								5 U				
5-NITRO-O-TOLUIDINE			5 U								5 U				

LOCATION	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C03	03C03	03C03
NSAMPLE	AC02P21A03	AC02P21A03-F	AC02P22A03	AC02P22A03-F	AC02P23A03	AC02P23A03-F	AC02P24A03	AC02P24A03-F	AC031A03	AC031A03-F	AC032A03	AC032A03-F	AC033A03	AC033A03-F	AC034A03
SAMPLE	AC02P21A03	AC02P21A03-F	AC02P22A03	AC02P22A03-F	AC02P23A03	AC02P23A03-F	AC02P24A03	AC02P24A03-F	AC031A03	AC031A03-F	AC032A03	AC032A03-F	AC033A03	AC033A03-F	AC034A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/4/2003	3/4/2003	6/10/2003	6/10/2003	8/26/2003	8/26/2003	12/1/2003	12/1/2003	2/24/2003	2/24/2003	5/21/2003	5/21/2003	8/25/2003	8/25/2003	11/6/2003
7,12-DIMETHYLBENZ(A)ANTHRACENE			5 U								5 U				
A,A-DIMETHYLPHENETHYLAMINE			10 U								10 U				
ACENAPHTHENE			0.1 U								0.1 U				
ACENAPHTHYLENE			0.1 U								0.1 U				
ACETOPHENONE			5 U								5 U				
ANILINE			5 U								5 U				
ANTHRACENE			0.1 U								0.1 U				
ARAMITE A			5 U								5 U				
ARAMITE B			5 U								5 U				
BENZO(A)ANTHRACENE			0.1 U								0.1 U				
BENZO(A)PYRENE			0.1 U								0.1 U				
BENZO(B)FLUORANTHENE			0.1 U								0.1 U				
BENZO(G,H,I)PERYLENE			0.1 U								0.1 U				
BENZO(K)FLUORANTHENE			0.1 U								0.1 U				
BENZYL ALCOHOL			5 U								5 U				
BIS(2-CHLOROETHOXY)METHANE			5 U								5 U				
BIS(2-CHLOROETHYL)ETHER			5 U								5 U				
BIS(2-ETHYLHEXYL)PHTHALATE			5 U								5 U				
BUTYL BENZYL PHTHALATE			5 U								5 U				
CHLOROBENZILATE			5 U								5 U				
CHRYSENE			0.1 U								0.1 U				
CIS-ISOSAFROLE			5 U								5 U				
DI-N-BUTYL PHTHALATE			5 U								5 U				
DI-N-OCTYL PHTHALATE			5 U								5 U				
DIALLATE A			5 U								5 U				
DIALLATE B			5 U								5 U				
DIBENZO(A,H)ANTHRACENE			0.1 U								0.1 U				
DIBENZOFURAN			5 U								5 U				
DIETHYL PHTHALATE			5 U								5 U				
DIMETHOATE			5 U								5 U				
DIMETHYL PHTHALATE			5 U								5 U				
DIPHENYLAMINE			5 U								5 U				
DISULFOTON			5 U								5 U				
ETHYL METHANE SULFONATE			5 U								5 U				
ETHYL PARATHION			5 U								5 U				
FAMPHUR A			5 UR								5 UR				
FAMPHUR B			10 UR								10 UR				
FLUORANTHENE			0.1 U								0.1 U				
FLUORENE			0.1 U								0.1 U				
HEXACHLOROBENZENE			5 U								5 U				
HEXACHLOROBUTADIENE			5 U								5 U				
HEXACHLOROCYCLOPENTADIENE			5 U								5 U				
HEXACHLOROETHANE			5 U								5 U				
HEXACHLOROPROPENE			5 U								5 U				
INDENO(1,2,3-CD)PYRENE			0.1 U								0.1 U				
ISODRIN			5 U								5 U				
ISOPHORONE			5 U								5 U				
KEPONE			5 UR								5 UR				
METHAPYRILENE			5 U								5 U				
METHYL METHANE SULFONATE			5 U								5 U				

LOCATION	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C03	03C03	03C03
NSAMPLE	AC02P21A03	AC02P21A03-F	AC02P22A03	AC02P22A03-F	AC02P23A03	AC02P23A03-F	AC02P24A03	AC02P24A03-F	AC031A03	AC031A03-F	AC032A03	AC032A03-F	AC033A03	AC033A03-F	AC034A03
SAMPLE	AC02P21A03	AC02P21A03-F	AC02P22A03	AC02P22A03-F	AC02P23A03	AC02P23A03-F	AC02P24A03	AC02P24A03-F	AC031A03	AC031A03-F	AC032A03	AC032A03-F	AC033A03	AC033A03-F	AC034A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/4/2003	3/4/2003	6/10/2003	6/10/2003	8/26/2003	8/26/2003	12/1/2003	12/1/2003	2/24/2003	2/24/2003	5/21/2003	5/21/2003	8/25/2003	8/25/2003	11/6/2003
METHYL PARATHION			5 U								5 U				
N-NITROSO-DI-N-BUTYLAMINE			5 U								5 U				
N-NITROSO-DI-N-PROPYLAMINE			5 U								5 U				
N-NITROSODIETHYLAMINE			5 U								5 U				
N-NITROSODIMETHYLAMINE			5 U								5 U				
N-NITROSOMETHYLETHYLAMINE			5 U								5 U				
N-NITROSOMORPHOLINE			5 U								5 U				
N-NITROSOPIPERIDINE			5 U								5 U				
N-NITROSOPYRROLIDINE			5 U								5 U				
NAPHTHALENE			0.1 U								0.1 U				
O,O,O-TRIETHYL PHOSPHOROTHIOAT			5 U								5 U				
O-TOLUIDINE			5 U								5 U				
P-(DIMETHYLAMINO)AZOBENZENE			5 U								5 U				
PENTACHLOROBENZENE			5 U								5 U				
PENTACHLOROETHANE			5 U								5 U				
PENTACHLORONITROBENZENE			5 U								5 U				
PENTACHLOROPHENOL			5 U								5 U				
PHENACETIN			5 U								5 U				
PHENANTHRENE			0.1 U								0.1 U				
PHENOL			5 U								5 U				
PHORATE			5 U								5 U				
PRONAMIDE			5 U								5 U				
PYRENE			0.1 U								0.1 U				
PYRIDINE			5 U								5 U				
SAFROLE			5 U								5 U				
THIONAZIN			5 U								5 U				
TRANS-ISOSAFROLE			5 U								5 U				
Pesticides/PCBs (ug/L)															
4,4'-DDD			0.09899 U								0.09799 U				
4,4'-DDE			0.09899 U								0.09799 U				
4,4'-DDT			0.09899 U								0.09799 U				
ALDRIN			0.05 U								0.04899 U				
ALPHA-BHC			0.05 U								0.04899 U				
ALPHA-CHLORDANE			0.05 U								0.04899 U				
BETA-BHC			0.05 U								0.04899 U				
DELTA-BHC			0.05 U								0.04899 U				
DIELDRIN			0.09899 U								0.09799 U				
ENDOSULFAN I			0.05 U								0.04899 U				
ENDOSULFAN II			0.09899 U								0.09799 U				
ENDOSULFAN SULFATE			0.09899 U								0.09799 U				
ENDRIN			0.09899 U								0.09799 U				
ENDRIN ALDEHYDE			0.09899 U								0.09799 U				
ENDRIN KETONE			0.09899 U								0.09799 U				
GAMMA-BHC (LINDANE)			0.05 U								0.04899 U				
GAMMA-CHLORDANE			0.05 U								0.04899 U				
HEPTACHLOR			0.05 U								0.04899 U				
HEPTACHLOR EPOXIDE			0.05 U								0.04899 U				
METHOXYCHLOR			0.5 U								0.49 U				
TOXAPHENE			5 U								4.9 U				
Explosives (ug/L)															

LOCATION	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C03	03C03	03C03
NSAMPLE	AC02P21A03	AC02P21A03-F	AC02P22A03	AC02P22A03-F	AC02P23A03	AC02P23A03-F	AC02P24A03	AC02P24A03-F	AC031A03	AC031A03-F	AC032A03	AC032A03-F	AC033A03	AC033A03-F	AC034A03
SAMPLE	AC02P21A03	AC02P21A03-F	AC02P22A03	AC02P22A03-F	AC02P23A03	AC02P23A03-F	AC02P24A03	AC02P24A03-F	AC031A03	AC031A03-F	AC032A03	AC032A03-F	AC033A03	AC033A03-F	AC034A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/4/2003	3/4/2003	6/10/2003	6/10/2003	8/26/2003	8/26/2003	12/1/2003	12/1/2003	2/24/2003	2/24/2003	5/21/2003	5/21/2003	8/25/2003	8/25/2003	11/6/2003
1,3,5-TRINITROBENZENE	1.1 U		1.3 U		0.46 U		0.52999 U		1.4 U		1.2 U		0.83999 U		0.50999 U
1,3-DINITROBENZENE	1.1 U		1.3 U		0.46 U		0.52999 U		1.4 U		1.2 U		0.83999 U		0.50999 U
2,4,6-TRINITROTOLUENE	1.1 U		1.3 U		0.46 U		0.52999 U		1.4 U		1.2 U		0.83999 U		0.50999 U
2,4-DINITROTOLUENE	1.1 U		1.3 U		0.46 U		0.52999 U		1.4 U		1.2 U		0.83999 U		0.50999 U
2,6-DINITROTOLUENE	1.1 U		1.3 U		0.46 U		0.52999 U		1.4 U		1.2 U		0.83999 U		0.50999 U
2-AMINO-4,6-DINITROTOLUENE	1.1 U		1.3 U		0.46 U		0.52999 U		1.4 U		1.2 U		0.83999 U		0.50999 U
2-NITROTOLUENE	1.1 U		1.3 U		0.46 U		0.52999 U		1.4 U		1.2 U		0.83999 U		0.50999 U
3-NITROTOLUENE	1.1 U		1.3 U		0.46 U		0.52999 U		1.4 U		1.2 U		0.83999 U		0.50999 U
4-AMINO-2,6-DINITROTOLUENE	1.1 U		1.3 U		0.46 U		0.52999 U		1.4 U		1.2 U		0.83999 U		0.50999 U
4-NITROTOLUENE	1.1 U		1.3 U		0.46 U		0.52999 U		1.4 U		1.2 U		0.83999 U		0.50999 U
HMX	2.6		29		27		7.8		1.4 U		1.2 U		0.83999 U		0.50999 U
NITROBENZENE	1.1 U		1.3 U		0.46 U		0.52999 U		1.4 U		1.2 U		0.83999 U		0.50999 U
NITROCELLULOSE	1200		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U
NITROGLYCERIN	5.5 U		6.5 U		2.3 U		2.7 U		6.9 U		5.9 U		4.3 U		2.6 U
PETN	2.7 U		3.1 U		1.1 U		1.3 U		3.4 U		2.9 U		2.1 U		1.2 U
RDX	1.1 U		10		9.8		2.7		1.4 U		1.2 U		0.83999 U		0.50999 U
TETRYL	1.1 U		1.3 U		0.46 U		0.52999 U		1.4 U		1.2 U		0.83999 U		0.50999 U
Herbicides (ug/L)															
2,4,5-T			0.07999 UJ								0.07999 UJ				
2,4,5-TP (SILVEX)			0.07999 UJ								0.07999 UJ				
2,4-D			0.07999 UJ								0.07999 UJ				
DINOSEB			0.07999 UJ								0.07999 UJ				
HEXACHLOROPHENE			0.05 UJ								0.05 UJ				
Dioxins/Furans (pg/L)															
1,2,3,4,6,7,8,9-OCDD	6.7 U								2.4 J						
1,2,3,4,6,7,8,9-OCDF	4.7 U								3.2 U						
1,2,3,4,6,7,8-HPCDD	3.4 U								2.4 U						
1,2,3,4,6,7,8-HPCDF	1.8 U								1.4 U						
1,2,3,4,7,8,9-HPCDF	2.4 U								1.9 U						
1,2,3,6,7,8-HXCDD	2.4 U								1.3 U						
1,2,3,6,7,8-HXCDF	1.4 U								0.84 J						
1,2,3,7,8,9-HXCDD	2.4 U								1.3 U						
1,2,3,7,8,9-HXCDF	1.7 U								1.1 U						
1,2,3,7,8-PECDD	2.8 U								1 U						
1,2,3,7,8-PECDF	1.6 U								0.6 U						
2,3,4,6,7,8-HXCDF	1.4 U								0.9 U						
2,3,4,7,8-PECDF	2 U								0.7 U						
2,3,7,8-TCDD	2.5 U								0.9 U						
2,3,7,8-TCDF	1.8 U								1.1 U						
TOTAL HPCDD	3.4 U								2.4 U						
TOTAL HPCDF	2.1 U								1.6 U						
TOTAL HXCDD	2.4 U								21 U						
TOTAL HXCDF	1.5 U								0.84 U						
TOTAL PECDD	2.8 U								5.2 U						
TOTAL PECDF	1.8 U								0.7 U						
TOTAL TCDD	2.5 U								4.1 U						
TOTAL TCDF	1.8 U								1.1 U						
Inorganics (ug/L)															
ANTIMONY	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
ARSENIC	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U

LOCATION	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C03	03C03	03C03
NSAMPLE	AC02P21A03	AC02P21A03-F	AC02P22A03	AC02P22A03-F	AC02P23A03	AC02P23A03-F	AC02P24A03	AC02P24A03-F	AC031A03	AC031A03-F	AC032A03	AC032A03-F	AC033A03	AC033A03-F	AC034A03
SAMPLE	AC02P21A03	AC02P21A03-F	AC02P22A03	AC02P22A03-F	AC02P23A03	AC02P23A03-F	AC02P24A03	AC02P24A03-F	AC031A03	AC031A03-F	AC032A03	AC032A03-F	AC033A03	AC033A03-F	AC034A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/4/2003	3/4/2003	6/10/2003	6/10/2003	8/26/2003	8/26/2003	12/1/2003	12/1/2003	2/24/2003	2/24/2003	5/21/2003	5/21/2003	8/25/2003	8/25/2003	11/6/2003
BARIUM	61.6		83.9		86.2		72.2		36.2		35.6		34.1		36.8
BERYLLIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CADMIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CHROMIUM	5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U
COBALT	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
COPPER	2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
LEAD	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
MERCURY	0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U
NICKEL	11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
SELENIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
SILVER	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
THALLIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
TIN	11.1 UJ		11.1 U		11.1 U		11.1 U		11.1 UJ		11.1 U		11.1 U		11.1 U
VANADIUM	2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
ZINC	11.1 UJ		11.1 U		11.1 U		14		11.1 UJ		11.1 U		11.1 U		167
Dissolved Inorganics (ug/L)															
ANTIMONY		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
ARSENIC		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
BARIUM		60.9		85.4		93.3		72.8		36.5		36.4		37.2	
BERYLLIUM		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
CADMIUM		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
CALCIUM		37100		81300 J		111000		42600		1140		1230		1650	
CHROMIUM		5 U		5 U		5 U		5 U		5 U		5 U		5 U	
COBALT		3 U		3 U		3 U		3 U		3 U		3 U		3 U	
COPPER		2 U		2 U		2 U		2 U		2 U		2 U		2 U	
LEAD		1 U		1.1		1 U		1 U		1 U		1 U		1 U	
MAGNESIUM		7120		15100		18000		7820		1000 U		1000 U		1000 U	
MERCURY		0.2 U		0.2 UJ		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U	
NICKEL		10 U		10 U		10 U		10 U		10 U		10 U		10 U	
POTASSIUM		1490		2630		2670		2400		1100		1000 U		1040	
SELENIUM		1 U		1 U		3.3		1 U		1 U		1 U		1 U	
SILVER		3 U		3 U		3 U		3 U		3 U		3 U		3 U	
SODIUM		30900 J		38000		40000		25000		303000 J		203000		217000	
THALLIUM		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
TIN		10 UJ		10 U		10 U		10 U		10 UJ		10 U		10 U	
VANADIUM		2 U		2 U		2 U		2 U		2 U		2 U		2 U	
ZINC		10 U		76.4		10 U		10 U		10 U		10 U		10 U	
Miscellaneous Parameters (mg/L)															
CHLORIDE	74		100		95		34		2		1		1		1
CYANIDE	0.00999 U		0.00999 U		0.00999 U		0.00999 UJ		0.00999 U		0.00999 U		0.00999 U		0.00999 U
PHOSPHORUS (ELEMENTAL)	0.01999		0.1 U		0.1 U		0.1 U		0.01999		0.1 U		0.1 U		0.1 U
SULFATE	31		64		7.1 J		37		88		85		93 J		76
SULFIDE			1 U								1 U				
TOTAL ORGANIC CARBON	1.5		1 U		1.2		1.2		1 U		1 U		1 U		1 U
TOTAL ORGANIC HALIDES	0.05 U		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U
Dissolved Miscellaneous Parameters (mg/L)															
PHOSPHORUS (ELEMENTAL)		0.01999		0.1 U		0.1 U		0.1 U		0.01999		0.1 U		0.1 U	

LOCATION	03C03	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C07	03C07	03C07	03C07	03C07	03C07	03C07
NSAMPLE	AC034A03-F	AC041A03	AC041A03-F	AC042A03	AC042A03-F	AC043A03	AC043A03-F	AC044A03	AC044A03-F	AC071A03	AC071A03-F	AC072A03	AC072A03-F	AC073A03	AC073A03-F	AC074A03
SAMPLE	AC034A03-F	AC041A03	AC041A03-F	AC042A03	AC042A03-F	AC043A03	AC043A03-F	AC044A03	AC044A03-F	AC071A03	AC071A03-F	AC072A03	AC072A03-F	AC073A03	AC073A03-F	AC074A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/6/2003	3/11/2003	3/12/2003	6/23/2003	6/26/2003	9/2/2003	9/3/2003	12/9/2003	12/10/2003	3/6/2003	3/6/2003	6/18/2003	6/18/2003	8/26/2003	8/26/2003	12/15/2003
Volatile Organics (ug/L)																
1,1,1,2-TETRACHLOROETHANE				0.5 U								0.5 U				
1,1,1-TRICHLOROETHANE				0.5 U								0.5 U				
1,1,2,2-TETRACHLOROETHANE				0.3 U								0.3 U				
1,1,2-TRICHLOROETHANE				0.5 U								0.5 U				
1,1-DICHLOROETHANE				0.5 U								0.5 U				
1,1-DICHLOROETHENE		1 U		0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U		0.5 U
1,2,3-TRICHLOROBENZENE				0.5 UJ								0.5 UJ				
1,2,3-TRICHLOROPROPANE				1 U								1 U				
1,2-DIBROMO-3-CHLOROPROPANE				0.5 U								0.5 U				
1,2-DIBROMOETHANE				0.5 U								0.5 U				
1,2-DICHLOROETHANE				0.3 U								0.3 U				
1,2-DICHLOROPROPANE				0.5 U								0.5 U				
1,4-DIOXANE				100 U								100 U				
2,2-DICHLOROPROPANE				0.5 U								0.5 U				
2-BUTANONE				5 UR								5 UR				
2-HEXANONE				5 U								5 UJ				
3-CHLOROPROPENE				5 U								5 U				
4-METHYL-2-PENTANONE				5 U								5 U				
ACETONE				5 UR								5 UR				
ACETONITRILE				40 U								40 U				
ACROLEIN				5 UR								5 UR				
ACRYLONITRILE				5 UR								5 UR				
BENZENE				0.3 U								0.3 U				
BROMOCHLOROMETHANE				0.5 U								0.5 U				
BROMODICHLOROMETHANE				0.3 U								0.3 U				
BROMOFORM				0.5 U								0.5 U				
BROMOMETHANE				1 U								1 U				
CARBON DISULFIDE				0.5 U								0.5 U				
CARBON TETRACHLORIDE				0.3 U								0.3 U				
CHLOROBENZENE				0.5 U								0.5 U				
CHLORODIBROMOMETHANE				0.5 U								0.5 U				
CHLOROETHANE				0.5 U								0.5 U				
CHLOROFORM				0.3 U								0.3 U				
CHLOROMETHANE				0.5 U								0.5 U				
CHLOROPRENE				5 U								5 U				
CIS-1,2-DICHLOROETHENE		1 U		0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U		0.5 U
CIS-1,3-DICHLOROPROPENE				0.3 U								0.3 U				
DIBROMOMETHANE				0.5 U								0.5 U				
DICHLORODIFLUOROMETHANE				0.5 UJ								0.5 U				
ETHYL METHACRYLATE				5 U								5 U				
ETHYLBENZENE				0.5 U								0.5 U				
ISOBUTANOL				40 U								40 U				
METHACRYLONITRILE				5 UR								5 UR				
METHYL IODIDE				5 U								5 U				
METHYL METHACRYLATE				5 U								5 U				
METHYLENE CHLORIDE				1 U								1 U				
PROPIONITRILE				40 U								40 U				
STYRENE				0.5 U								0.5 U				
TETRACHLOROETHENE				0.5 U								0.5 U				

LOCATION	03C03	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C07	03C07	03C07	03C07	03C07	03C07	03C07
NSAMPLE	AC034A03-F	AC041A03	AC041A03-F	AC042A03	AC042A03-F	AC043A03	AC043A03-F	AC044A03	AC044A03-F	AC071A03	AC071A03-F	AC072A03	AC072A03-F	AC073A03	AC073A03-F	AC074A03
SAMPLE	AC034A03-F	AC041A03	AC041A03-F	AC042A03	AC042A03-F	AC043A03	AC043A03-F	AC044A03	AC044A03-F	AC071A03	AC071A03-F	AC072A03	AC072A03-F	AC073A03	AC073A03-F	AC074A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/6/2003	3/11/2003	3/12/2003	6/23/2003	6/26/2003	9/2/2003	9/3/2003	12/9/2003	12/10/2003	3/6/2003	3/6/2003	6/18/2003	6/18/2003	8/26/2003	8/26/2003	12/15/2003
TOLUENE				0.5 U								0.5 U				
TOTAL XYLENES				1 U								1 U				
TRANS-1,2-DICHLOROETHENE		1 U		0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U		0.5 U
TRANS-1,3-DICHLOROPROPENE				0.5 U								0.5 U				
TRANS-1,4-DICHLORO-2-BUTENE				5 U								5 U				
TRICHLOROETHENE		1 U		0.3 J		0.5		0.4 J		5.8		0.5 U		5.2		5.7
TRICHLOROFLUOROMETHANE				0.5 U								0.5 U				
VINYL ACETATE				5 U								5 U				
VINYL CHLORIDE		1 U		0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U		0.5 U
Semivolatile Organics (ug/L)																
1,2,4,5-TETRACHLOROBENZENE				5 U								5 U				
1,2,4-TRICHLOROBENZENE				5 U								5 U				
1,2-DICHLOROBENZENE				5 U								5 U				
1,3-DICHLOROBENZENE				5 U								5 U				
1,4-DICHLOROBENZENE				5 U								5 U				
1,4-NAPHTHOQUINONE				5 U								5 U				
1,4-PHENYLENEDIAMINE				5 UJ								5 UJ				
1-NAPHTHYLAMINE				5 U								5 U				
2,2'-OXYBIS(1-CHLOROPROPANE)				5 UJ								5 UJ				
2,3,4,6-TETRACHLOROPHENOL				5 U								5 U				
2,4,5-TRICHLOROPHENOL				5 U								5 U				
2,4,6-TRICHLOROPHENOL				5 U								5 U				
2,4-DICHLOROPHENOL				5 U								5 U				
2,4-DIMETHYLPHENOL				5 U								5 U				
2,4-DINITROPHENOL				10 U								10 U				
2,6-DICHLOROPHENOL				5 U								5 U				
2-ACETYLAMINOFLUORENE				5 U								5 U				
2-CHLORONAPHTHALENE				5 U								5 U				
2-CHLOROPHENOL				5 U								5 U				
2-METHYLNAPHTHALENE				0.10999 U								0.09 U				
2-METHYLPHENOL				5 U								5 U				
2-NAPHTHYLAMINE				5 U								5 U				
2-NITROANILINE				5 U								5 U				
2-NITROPHENOL				5 U								5 U				
2-PICOLINE				5 U								5 U				
3&4-METHYLPHENOL				5 U								5 U				
3,3'-DICHLOROBENZIDINE				5 U								5 U				
3,3'-DIMETHYLBENZIDINE				5 U								5 U				
3-METHYLCHOLANTHRENE				5 U								5 U				
3-NITROANILINE				5 U								5 U				
4,6-DINITRO-2-METHYLPHENOL				5 UJ								5 UJ				
4-AMINOBIPHENYL				5 U								5 U				
4-BROMOPHENYL PHENYL ETHER				5 U								5 U				
4-CHLORO-3-METHYLPHENOL				5 U								5 U				
4-CHLOROANILINE				5 U								5 U				
4-CHLOROPHENYL PHENYL ETHER				5 U								5 U				
4-NITROANILINE				5 U								5 U				
4-NITROPHENOL				5 U								5 U				
4-NITROQUINOLINE-1-OXIDE				5 U								5 U				
5-NITRO-O-TOLUIDINE				5 U								5 U				

LOCATION	03C03	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C07	03C07	03C07	03C07	03C07	03C07	03C07
NSAMPLE	AC034A03-F	AC041A03	AC041A03-F	AC042A03	AC042A03-F	AC043A03	AC043A03-F	AC044A03	AC044A03-F	AC071A03	AC071A03-F	AC072A03	AC072A03-F	AC073A03	AC073A03-F	AC074A03
SAMPLE	AC034A03-F	AC041A03	AC041A03-F	AC042A03	AC042A03-F	AC043A03	AC043A03-F	AC044A03	AC044A03-F	AC071A03	AC071A03-F	AC072A03	AC072A03-F	AC073A03	AC073A03-F	AC074A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/6/2003	3/11/2003	3/12/2003	6/23/2003	6/26/2003	9/2/2003	9/3/2003	12/9/2003	12/10/2003	3/6/2003	3/6/2003	6/18/2003	6/18/2003	8/26/2003	8/26/2003	12/15/2003
7,12-DIMETHYLBENZ(A)ANTHRACENE				5 U								5 U				
A,A-DIMETHYLPHENETHYLAMINE				10 U								10 U				
ACENAPHTHENE				0.10999 U								0.09 U				
ACENAPHTHYLENE				0.10999 U								0.09 U				
ACETOPHENONE				5 U								5 U				
ANILINE				5 U								5 U				
ANTHRACENE				0.10999 U								0.09 U				
ARAMITE A				5 U								5 U				
ARAMITE B				5 U								5 U				
BENZO(A)ANTHRACENE				0.10999 U								0.09 U				
BENZO(A)PYRENE				0.10999 U								0.09 U				
BENZO(B)FLUORANTHENE				0.10999 U								0.09 U				
BENZO(G,H,I)PERYLENE				0.10999 U								0.09 U				
BENZO(K)FLUORANTHENE				0.10999 U								0.09 U				
BENZYL ALCOHOL				5 U								5 U				
BIS(2-CHLOROETHOXY)METHANE				5 U								5 U				
BIS(2-CHLOROETHYL)ETHER				5 U								5 U				
BIS(2-ETHYLHEXYL)PHTHALATE				5 U								5 U				
BUTYL BENZYL PHTHALATE				5 U								5 U				
CHLOROBENZILATE				5 U								5 U				
CHRYSENE				0.10999 U								0.09 U				
CIS-ISOSAFROLE				5 U								5 U				
DI-N-BUTYL PHTHALATE				5 U								5 U				
DI-N-OCTYL PHTHALATE				5 U								5 U				
DIALLATE A				5 U								5 U				
DIALLATE B				5 U								5 U				
DIBENZO(A,H)ANTHRACENE				0.10999 U								0.09 U				
DIBENZOFURAN				5 U								5 U				
DIETHYL PHTHALATE				5 U								5 U				
DIMETHOATE				5 U								5 U				
DIMETHYL PHTHALATE				5 U								5 U				
DIPHENYLAMINE				5 U								5 U				
DISULFOTON				5 U								5 U				
ETHYL METHANE SULFONATE				5 U								5 U				
ETHYL PARATHION				5 U								5 U				
FAMPHUR A				5 UR								5 UR				
FAMPHUR B				10 UR								10 UR				
FLUORANTHENE				0.10999 U								0.09 U				
FLUORENE				0.10999 U								0.09 U				
HEXACHLOROBENZENE				5 U								5 U				
HEXACHLOROBUTADIENE				5 U								5 U				
HEXACHLOROCYCLOPENTADIENE				5 U								5 U				
HEXACHLOROETHANE				5 U								5 U				
HEXACHLOROPROPENE				5 U								5 U				
INDENO(1,2,3-CD)PYRENE				0.10999 U								0.09 U				
ISODRIN				5 U								5 U				
ISOPHORONE				5 U								5 U				
KEPONE				5 UR								5 UR				
METHAPYRILENE				5 UJ								5 UJ				
METHYL METHANE SULFONATE				5 U								5 U				

LOCATION	03C03	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C07	03C07	03C07	03C07	03C07	03C07	03C07
NSAMPLE	AC034A03-F	AC041A03	AC041A03-F	AC042A03	AC042A03-F	AC043A03	AC043A03-F	AC044A03	AC044A03-F	AC071A03	AC071A03-F	AC072A03	AC072A03-F	AC073A03	AC073A03-F	AC074A03
SAMPLE	AC034A03-F	AC041A03	AC041A03-F	AC042A03	AC042A03-F	AC043A03	AC043A03-F	AC044A03	AC044A03-F	AC071A03	AC071A03-F	AC072A03	AC072A03-F	AC073A03	AC073A03-F	AC074A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/6/2003	3/11/2003	3/12/2003	6/23/2003	6/26/2003	9/2/2003	9/3/2003	12/9/2003	12/10/2003	3/6/2003	3/6/2003	6/18/2003	6/18/2003	8/26/2003	8/26/2003	12/15/2003
METHYL PARATHION				5 U								5 U				
N-NITROSO-DI-N-BUTYLAMINE				5 U								5 U				
N-NITROSO-DI-N-PROPYLAMINE				5 U								5 U				
N-NITROSODIETHYLAMINE				5 U								5 U				
N-NITROSODIMETHYLAMINE				5 UJ								5 UJ				
N-NITROSOMETHYLETHYLAMINE				5 U								5 U				
N-NITROSOMORPHOLINE				5 U								5 U				
N-NITROSOPIPERIDINE				5 U								5 U				
N-NITROSOPYRROLIDINE				5 U								5 U				
NAPHTHALENE				0.10999 U								0.09 U				
O,O,O-TRIETHYL PHOSPHOROTHIOAT				5 U								5 U				
O-TOLUIDINE				5 U								5 U				
P-(DIMETHYLAMINO)AZOBENZENE				5 U								5 U				
PENTACHLOROBENZENE				5 U								5 U				
PENTACHLOROETHANE				5 U								5 U				
PENTACHLORONITROBENZENE				5 U								5 U				
PENTACHLOROPHENOL				5 U								5 U				
PHENACETIN				5 U								5 U				
PHENANTHRENE				0.10999 U								0.09 U				
PHENOL				5 U								5 U				
PHORATE				5 U								5 U				
PRONAMIDE				5 U								5 U				
PYRENE				0.10999 U								0.09 U				
PYRIDINE				5 UJ								5 UJ				
SAFROLE				5 U								5 U				
THIONAZIN				5 U								5 U				
TRANS-ISOSAFROLE				5 U								5 U				
Pesticides/PCBs (ug/L)																
4,4'-DDD				0.10999 U								0.097 U				
4,4'-DDE				0.10999 U								0.097 U				
4,4'-DDT				0.10999 U								0.097 U				
ALDRIN				0.057 U								0.04899 U				
ALPHA-BHC				0.057 U								0.04899 U				
ALPHA-CHLORDANE				0.057 U								0.04899 U				
BETA-BHC				0.057 UJ								0.04899 U				
DELTA-BHC				0.057 U								0.04899 U				
DIELDRIN				0.10999 U								0.097 U				
ENDOSULFAN I				0.057 U								0.04899 U				
ENDOSULFAN II				0.10999 U								0.097 U				
ENDOSULFAN SULFATE				0.10999 U								0.097 U				
ENDRIN				0.10999 U								0.097 U				
ENDRIN ALDEHYDE				0.10999 U								0.097 U				
ENDRIN KETONE				0.10999 U								0.097 U				
GAMMA-BHC (LINDANE)				0.057 U								0.04899 U				
GAMMA-CHLORDANE				0.057 U								0.04899 U				
HEPTACHLOR				0.057 U								0.04899 U				
HEPTACHLOR EPOXIDE				0.057 U								0.04899 U				
METHOXYCHLOR				0.56999 U								0.49 U				
TOXAPHENE				5.7 U								4.9 U				
Explosives (ug/L)																

LOCATION	03C03	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C07	03C07	03C07	03C07	03C07	03C07	03C07
NSAMPLE	AC034A03-F	AC041A03	AC041A03-F	AC042A03	AC042A03-F	AC043A03	AC043A03-F	AC044A03	AC044A03-F	AC071A03	AC071A03-F	AC072A03	AC072A03-F	AC073A03	AC073A03-F	AC074A03
SAMPLE	AC034A03-F	AC041A03	AC041A03-F	AC042A03	AC042A03-F	AC043A03	AC043A03-F	AC044A03	AC044A03-F	AC071A03	AC071A03-F	AC072A03	AC072A03-F	AC073A03	AC073A03-F	AC074A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/6/2003	3/11/2003	3/12/2003	6/23/2003	6/26/2003	9/2/2003	9/3/2003	12/9/2003	12/10/2003	3/6/2003	3/6/2003	6/18/2003	6/18/2003	8/26/2003	8/26/2003	12/15/2003
1,3,5-TRINITROBENZENE		0.99 U		0.79 U		1.4 U		0.51999 U		1.1 U		1.9 U		0.81 U		0.6 U
1,3-DINITROBENZENE		0.99 U		0.79 U		1.4 U		0.51999 U		1.1 U		1.9 U		0.81 U		0.6 U
2,4,6-TRINITROTOLUENE		0.99 U		0.79 U		1.4 U		0.51999 U		1.1 U		1.9 U		0.81 U		0.6 U
2,4-DINITROTOLUENE		0.99 U		0.79 U		1.4 U		0.51999 U		1.1 U		1.9 U		0.81 U		0.6 U
2,6-DINITROTOLUENE		0.99 U		0.79 U		1.4 U		0.51999 U		1.1 U		1.9 U		0.81 U		0.6 U
2-AMINO-4,6-DINITROTOLUENE		0.99 U		0.79 U		1.4 U		0.51999 U		1.1 U		1.9 U		0.81 U		0.6 U
2-NITROTOLUENE		0.99 U		0.79 U		1.4 U		0.51999 U		1.1 U		1.9 U		0.81 U		0.6 U
3-NITROTOLUENE		0.99 U		0.79 U		1.4 U		0.51999 U		1.1 U		1.9 U		0.81 U		0.6 U
4-AMINO-2,6-DINITROTOLUENE		0.99 U		0.79 U		1.4 U		0.51999 U		1.1 U		1.9 U		0.81 U		0.6 U
4-NITROTOLUENE		0.99 U		0.79 U		1.4 U		0.51999 U		1.1 U		1.9 U		0.81 U		0.6 U
HMX		0.99 U		0.79 U		1.4 U		0.51999 U		11		10		7.8		11
NITROBENZENE		0.99 U		0.79 U		1.4 U		0.51999 U		1.1 U		1.9 U		0.81 U		0.6 U
NITROCELLULOSE		1800		1000 UJ		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U
NITROGLYCERIN		5 U		4 U		7.1 U		2.6 U		5.6 U		9.9 U		4.1 U		3 U
PETN		2.4 U		2 U		3.5 U		1.3 U		2.7 U		4.8 U		2 U		1.5 U
RDX		0.99 U		0.79 U		1.4 U		0.51999 U		35		31		24		39
TETRYL		0.99 U		0.79 U		1.4 U		0.51999 U		1.1 U		1.9 U		0.81 U		0.6 U
Herbicides (ug/L)																
2,4,5-T				0.07999 U								0.07999 U				
2,4,5-TP (SILVEX)				0.07999 U								0.07999 U				
2,4-D				0.07999 U								0.07999 U				
DINOSEB				0.07999 U								0.07999 U				
HEXACHLOROPHENE				0.05 U								0.05 U				
Dioxins/Furans (pg/L)																
1,2,3,4,6,7,8,9-OCDD		14.1 U								50.9 U						
1,2,3,4,6,7,8,9-OCDF		10.5 U								33.6 U						
1,2,3,4,6,7,8-HPCDD		7.6 U								22.3 U						
1,2,3,4,6,7,8-HPCDF		4.6 U								9.2 U						
1,2,3,4,7,8,9-HPCDF		5.9 U								13.6 U						
1,2,3,6,7,8-HXCDD		4.5 U								11.8 U						
1,2,3,6,7,8-HXCDF		2.9 U								6 U						
1,2,3,7,8,9-HXCDD		4.7 U								13.5 U						
1,2,3,7,8,9-HXCDF		3.7 U								9 U						
1,2,3,7,8-PECDD		5.8 U								13 U						
1,2,3,7,8-PECDF		2.7 U								6.2 U						
2,3,4,6,7,8-HXCDF		2.9 U								6.9 U						
2,3,4,7,8-PECDF		3.3 U								8.2 U						
2,3,7,8-TCDD		4.1 U								7.9 U						
2,3,7,8-TCDF		3.5 U								5.9 U						
TOTAL HPCDD		7.6 U								22.3 U						
TOTAL HPCDF		5.2 U								11 U						
TOTAL HXCDD		4.7 U								13 U						
TOTAL HXCDF		3.1 U								6.9 U						
TOTAL PECDD		5.8 U								13 U						
TOTAL PECDF		3 U								7 U						
TOTAL TCDD		4.1 U								7.9 U						
TOTAL TCDF		3.5 U								5.9 U						
Inorganics (ug/L)																
ANTIMONY		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
ARSENIC		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U

LOCATION	03C03	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C04	03C07	03C07	03C07	03C07	03C07	03C07	03C07
NSAMPLE	AC034A03-F	AC041A03	AC041A03-F	AC042A03	AC042A03-F	AC043A03	AC043A03-F	AC044A03	AC044A03-F	AC071A03	AC071A03-F	AC072A03	AC072A03-F	AC073A03	AC073A03-F	AC074A03
SAMPLE	AC034A03-F	AC041A03	AC041A03-F	AC042A03	AC042A03-F	AC043A03	AC043A03-F	AC044A03	AC044A03-F	AC071A03	AC071A03-F	AC072A03	AC072A03-F	AC073A03	AC073A03-F	AC074A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/6/2003	3/11/2003	3/12/2003	6/23/2003	6/26/2003	9/2/2003	9/3/2003	12/9/2003	12/10/2003	3/6/2003	3/6/2003	6/18/2003	6/18/2003	8/26/2003	8/26/2003	12/15/2003
BARIUM		34.7		21.8		21.2		25.2		28.8		30.1		26.9		28.5
BERYLLIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CADMIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CHROMIUM		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U
COBALT		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
COPPER		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
LEAD		1.1		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
MERCURY		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U
NICKEL		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
SELENIUM		1.1 U		1.3		1.4		1.4		1.1		1.1 U		1.1 U		1.1 U
SILVER		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
THALLIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
TIN		11.1 UJ		11.1 U		11.1 U		11.1 U		11.1 UJ		11.1 U		11.1 U		11.1 U
VANADIUM		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
ZINC		33.2 J		11.1 U		29.4		11.1 U		11.1 UJ		11.1 U		11.1 U		11.1 U
Dissolved Inorganics (ug/L)																
ANTIMONY	1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
ARSENIC	1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
BARIUM	35.7		18.2		15.5		16.7		18.9		29.4		30.7		28.8	
BERYLLIUM	1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
CADMIUM	1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
CALCIUM	1240		132000		141000 J		147000		155000		90000		87200 J		96800	
CHROMIUM	5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U	
COBALT	3 U		3 U		3 U		3 U		3 U		3 U		3 U		3 U	
COPPER	2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U	
LEAD	1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
MAGNESIUM	1000 U		180000		178000		193000		183000		45600		41600		46300	
MERCURY	0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U	
NICKEL	10 U		10 U		10 U		10 U		10 U		10 U		10 U		10 U	
POTASSIUM	1160		2780		2860		2840		2930		2180		3380		2550	
SELENIUM	1 U		1.4		1.4		1.5		1.9		1.4		1.2		2.3	
SILVER	3 U		3 U		3 U		3 U		3 U		3 U		3 U		3 U	
SODIUM	233000		51400 J		44100		57300		53500		23700 J		23400		24800	
THALLIUM	1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
TIN	10 U		10 UJ		10 U		10 U		10 U		10 UJ		10 U		10 U	
VANADIUM	2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U	
ZINC	18.4		10 U		10 U		84.8		10 U		10 U		10 U		60.5	
Miscellaneous Parameters (mg/L)																
CHLORIDE		7		8		7		8		9		8		8		9
CYANIDE		0.00999 U		0.00999 UJ		0.00999 U		0.00999 UJ		0.00999 U		0.00999 U		0.00999 U		0.00999 UJ
PHOSPHORUS (ELEMENTAL)		0.01999 U		0.1 U		0.1 U		0.1 U		0.01999 U		0.1 U		0.1 U		0.1 U
SULFATE		790		860		900 J		940		79		95		100 J		100
SULFIDE				1 U								1 U				
TOTAL ORGANIC CARBON		1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U
TOTAL ORGANIC HALIDES		0.05 U		0.05 U		0.05 UJ		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U
Dissolved Miscellaneous Parameters (mg/L)																
PHOSPHORUS (ELEMENTAL)	0.1 U		0.01999 U		0.1 U		0.1 U		0.1 U		0.01999		0.1 U		0.1 U	

LOCATION	03C07	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2
NSAMPLE	AC074A03-F	AC08P21A03	AC08P21A03-F	AC08P22A03	AC08P22A03-F	AC08P23A03	AC08P23A03-F	AC08P24A03	AC08P24A03-F	AC09P21A03	AC09P21A03-F	AC09P22A03	AC09P22A03-F	AC09P23A03
SAMPLE	AC074A03-F	AC08P21A03	AC08P21A03-F	AC08P22A03	AC08P22A03-F	AC08P23A03	AC08P23A03-F	AC08P24A03	AC08P24A03-F	AC09P21A03	AC09P21A03-F	AC09P22A03	AC09P22A03-F	AC09P23A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/15/2003	2/25/2003	2/25/2003	6/9/2003	6/9/2003	9/3/2003	9/3/2003	12/8/2003	12/8/2003	2/26/2003	2/26/2003	5/19/2003	5/19/2003	8/28/2003
Volatile Organics (ug/L)														
1,1,1,2-TETRACHLOROETHANE				0.5 U								0.5 U		
1,1,1-TRICHLOROETHANE				0.5 U								0.5 U		
1,1,2,2-TETRACHLOROETHANE				0.3 U								0.3 U		
1,1,2-TRICHLOROETHANE				0.5 U								0.5 U		
1,1-DICHLOROETHANE				0.5 U								0.5 U		
1,1-DICHLOROETHENE		1 U		0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U
1,2,3-TRICHLOROBENZENE				0.5 UJ								0.5 UJ		
1,2,3-TRICHLOROPROPANE				1 U								1 U		
1,2-DIBROMO-3-CHLOROPROPANE				0.5 U								0.5 U		
1,2-DIBROMOETHANE				0.5 U								0.5 U		
1,2-DICHLOROETHANE				0.3 U								7.2		
1,2-DICHLOROPROPANE				0.5 U								0.5 U		
1,4-DIOXANE				100 U								100 U		
2,2-DICHLOROPROPANE				0.5 U								0.5 U		
2-BUTANONE				5 UR								5 UR		
2-HEXANONE				5 U								5 U		
3-CHLOROPROPENE				5 U								5 U		
4-METHYL-2-PENTANONE				5 U								5 U		
ACETONE				5 UR								5 UR		
ACETONITRILE				40 U								40 U		
ACROLEIN				5 UR								5 UR		
ACRYLONITRILE				5 UR								5 UR		
BENZENE				0.3 U								0.3 U		
BROMOCHLOROMETHANE				0.5 U								0.5 U		
BROMODICHLOROMETHANE				0.3 U								0.3 U		
BROMOFORM				0.5 U								0.5 U		
BROMOMETHANE				1 U								1 U		
CARBON DISULFIDE				0.5 U								0.5 U		
CARBON TETRACHLORIDE				0.3 U								0.69999		
CHLOROBENZENE				0.5 U								0.5 U		
CHLORODIBROMOMETHANE				0.5 U								0.5 U		
CHLOROETHANE				0.5 U								0.5 U		
CHLOROFORM				0.3 U								0.69999		
CHLOROMETHANE				0.5 U								0.5 U		
CHLOROPRENE				5 U								5 U		
CIS-1,2-DICHLOROETHENE		19		17		18		17		1 U		0.5 U		2.2
CIS-1,3-DICHLOROPROPENE				0.3 U								0.3 U		
DIBROMOMETHANE				0.5 U								0.5 U		
DICHLORODIFLUOROMETHANE				0.5 U								0.5 U		
ETHYL METHACRYLATE				5 U								5 U		
ETHYLBENZENE				0.5 U								0.5 U		
ISOBUTANOL				40 U								40 U		
METHACRYLONITRILE				5 UR								5 UJ		
METHYL IODIDE				5 U								5 U		
METHYL METHACRYLATE				5 U								5 U		
METHYLENE CHLORIDE				1 U								1 U		
PROPIONITRILE				40 U								40 U		
STYRENE				0.5 U								0.5 U		
TETRACHLOROETHENE				0.3 J								0.2 J		

LOCATION	03C07	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2
NSAMPLE	AC074A03-F	AC08P21A03	AC08P21A03-F	AC08P22A03	AC08P22A03-F	AC08P23A03	AC08P23A03-F	AC08P24A03	AC08P24A03-F	AC09P21A03	AC09P21A03-F	AC09P22A03	AC09P22A03-F	AC09P23A03
SAMPLE	AC074A03-F	AC08P21A03	AC08P21A03-F	AC08P22A03	AC08P22A03-F	AC08P23A03	AC08P23A03-F	AC08P24A03	AC08P24A03-F	AC09P21A03	AC09P21A03-F	AC09P22A03	AC09P22A03-F	AC09P23A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/15/2003	2/25/2003	2/25/2003	6/9/2003	6/9/2003	9/3/2003	9/3/2003	12/8/2003	12/8/2003	2/26/2003	2/26/2003	5/19/2003	5/19/2003	8/28/2003
TOLUENE				0.5 U								0.5 U		
TOTAL XYLENES				1 U								1 U		
TRANS-1,2-DICHLOROETHENE		1 U		0.5 U		0.69999		0.5 U		1 U		0.5 U		0.5 U
TRANS-1,3-DICHLOROPROPENE				0.5 U								0.5 U		
TRANS-1,4-DICHLORO-2-BUTENE				5 U								5 U		
TRICHLOROETHENE		73		55		62		58		180		110		160
TRICHLOROFLUOROMETHANE				0.5 U								0.5 U		
VINYL ACETATE				5 U								5 U		
VINYL CHLORIDE		1 U		0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U
Semivolatile Organics (ug/L)														
1,2,4,5-TETRACHLOROBENZENE				5 U								5 U		
1,2,4-TRICHLOROBENZENE				5 U								5 U		
1,2-DICHLOROBENZENE				5 U								5 U		
1,3-DICHLOROBENZENE				5 U								5 U		
1,4-DICHLOROBENZENE				5 U								5 U		
1,4-NAPHTHOQUINONE				5 U								5 U		
1,4-PHENYLENEDIAMINE				5 UJ								5 UJ		
1-NAPHTHYLAMINE				5 U								5 U		
2,2'-OXYBIS(1-CHLOROPROPANE)				5 U								5 U		
2,3,4,6-TETRACHLOROPHENOL				5 U								5 U		
2,4,5-TRICHLOROPHENOL				5 U								5 U		
2,4,6-TRICHLOROPHENOL				5 U								5 U		
2,4-DICHLOROPHENOL				5 U								5 U		
2,4-DIMETHYLPHENOL				5 U								5 U		
2,4-DINITROPHENOL				10 U								10 UJ		
2,6-DICHLOROPHENOL				5 U								5 U		
2-ACETYLAMINOFLUORENE				5 U								5 UJ		
2-CHLORONAPHTHALENE				5 U								5 U		
2-CHLOROPHENOL				5 U								5 U		
2-METHYLNAPHTHALENE				0.1 U								0.1 U		
2-METHYLPHENOL				5 U								5 U		
2-NAPHTHYLAMINE				5 U								5 U		
2-NITROANILINE				5 U								5 U		
2-NITROPHENOL				5 U								5 U		
2-PICOLINE				5 U								5 U		
3&4-METHYLPHENOL				5 U								5 U		
3,3'-DICHLOROBENZIDINE				5 U								5 U		
3,3'-DIMETHYLBENZIDINE				5 U								5 U		
3-METHYLCHOLANTHRENE				5 U								5 U		
3-NITROANILINE				5 U								5 U		
4,6-DINITRO-2-METHYLPHENOL				5 U								5 UJ		
4-AMINOBIPHENYL				5 U								5 U		
4-BROMOPHENYL PHENYL ETHER				5 U								5 U		
4-CHLORO-3-METHYLPHENOL				5 U								5 U		
4-CHLOROANILINE				5 U								5 U		
4-CHLOROPHENYL PHENYL ETHER				5 U								5 U		
4-NITROANILINE				5 U								5 U		
4-NITROPHENOL				5 U								5 UJ		
4-NITROQUINOLINE-1-OXIDE				5 U								5 U		
5-NITRO-O-TOLUIDINE				5 U								5 U		

LOCATION	03C07	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2
NSAMPLE	AC074A03-F	AC08P21A03	AC08P21A03-F	AC08P22A03	AC08P22A03-F	AC08P23A03	AC08P23A03-F	AC08P24A03	AC08P24A03-F	AC09P21A03	AC09P21A03-F	AC09P22A03	AC09P22A03-F	AC09P23A03
SAMPLE	AC074A03-F	AC08P21A03	AC08P21A03-F	AC08P22A03	AC08P22A03-F	AC08P23A03	AC08P23A03-F	AC08P24A03	AC08P24A03-F	AC09P21A03	AC09P21A03-F	AC09P22A03	AC09P22A03-F	AC09P23A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW.	GW	GW	GW	GW
SAMPLE DATE	12/15/2003	2/25/2003	2/25/2003	6/9/2003	6/9/2003	9/3/2003	9/3/2003	12/8/2003	12/8/2003	2/26/2003	2/26/2003	5/19/2003	5/19/2003	8/28/2003
7,12-DIMETHYLBENZ(A)ANTHRACENE				5 U								5 U		
A,A-DIMETHYLPHENETHYLAMINE				10 U								10 U		
ACENAPHTHENE				0.1 U								0.1 U		
ACENAPHTHYLENE				0.1 U								0.1 U		
ACETOPHENONE				5 U								5 U		
ANILINE				5 U								5 U		
ANTHRACENE				0.1 U								0.1 U		
ARAMITE A				5 U								5 U		
ARAMITE B				5 U								5 U		
BENZO(A)ANTHRACENE				0.1 U								0.1 U		
BENZO(A)PYRENE				0.1 U								0.1 U		
BENZO(B)FLUORANTHENE				0.1 U								0.1 U		
BENZO(G,H,I)PERYLENE				0.1 U								0.1 U		
BENZO(K)FLUORANTHENE				0.1 U								0.1 U		
BENZYL ALCOHOL				5 U								5 U		
BIS(2-CHLOROETHOXY)METHANE				5 U								5 U		
BIS(2-CHLOROETHYL)ETHER				5 U								5 U		
BIS(2-ETHYLHEXYL)PHTHALATE				5 U								5 U		
BUTYL BENZYL PHTHALATE				5 U								5 U		
CHLOROBENZILATE				5 U								5 U		
CHRYSENE				0.1 U								0.1 U		
CIS-ISOSAFROLE				5 U								5 U		
DI-N-BUTYL PHTHALATE				5 U								5 U		
DI-N-OCTYL PHTHALATE				5 U								5 U		
DIALLATE A				5 U								5 U		
DIALLATE B				5 U								5 U		
DIBENZO(A,H)ANTHRACENE				0.1 U								0.1 U		
DIBENZOFURAN				5 U								5 U		
DIETHYL PHTHALATE				5 U								5 U		
DIMETHOATE				5 U								5 U		
DIMETHYL PHTHALATE				5 U								5 U		
DIPHENYLAMINE				5 U								5 U		
DISULFOTON				5 U								5 U		
ETHYL METHANE SULFONATE				5 U								5 U		
ETHYL PARATHION				5 U								5 U		
FAMPHUR A				5 UR								5 UR		
FAMPHUR B				10 UR								10 UR		
FLUORANTHENE				0.1 U								0.1 U		
FLUORENE				0.1 U								0.1 U		
HEXACHLOROBENZENE				5 U								5 U		
HEXACHLOROBUTADIENE				5 U								5 U		
HEXACHLOROCYCLOPENTADIENE				5 U								5 U		
HEXACHLOROETHANE				5 U								5 U		
HEXACHLOROPROPENE				5 U								5 U		
INDENO(1,2,3-CD)PYRENE				0.1 U								0.1 U		
ISODRIN				5 U								5 U		
ISOPHORONE				5 U								5 U		
KEPONE				5 UR								5 UR		
METHAPYRILENE				5 U								5 U		
METHYL METHANE SULFONATE				5 U								5 U		

LOCATION	03C07	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2
NSAMPLE	AC074A03-F	AC08P21A03	AC08P21A03-F	AC08P22A03	AC08P22A03-F	AC08P23A03	AC08P23A03-F	AC08P24A03	AC08P24A03-F	AC09P21A03	AC09P21A03-F	AC09P22A03	AC09P22A03-F	AC09P23A03
SAMPLE	AC074A03-F	AC08P21A03	AC08P21A03-F	AC08P22A03	AC08P22A03-F	AC08P23A03	AC08P23A03-F	AC08P24A03	AC08P24A03-F	AC09P21A03	AC09P21A03-F	AC09P22A03	AC09P22A03-F	AC09P23A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/15/2003	2/25/2003	2/25/2003	6/9/2003	6/9/2003	9/3/2003	9/3/2003	12/8/2003	12/8/2003	2/26/2003	2/26/2003	5/19/2003	5/19/2003	8/28/2003
METHYL PARATHION				5 U								5 U		
N-NITROSO-DI-N-BUTYLAMINE				5 U								5 U		
N-NITROSO-DI-N-PROPYLAMINE				5 U								5 U		
N-NITROSODIETHYLAMINE				5 U								5 U		
N-NITROSODIMETHYLAMINE				5 U								5 U		
N-NITROSOMETHYLETHYLAMINE				5 U								5 U		
N-NITROSOMORPHOLINE				5 U								5 U		
N-NITROSOPIPERIDINE				5 U								5 U		
N-NITROSOPYRROLIDINE				5 U								5 U		
NAPHTHALENE				0.1 U								0.1 U		
O,O,O-TRIETHYL PHOSPHOROTHIOAT				5 U								5 U		
O-TOLUIDINE				5 U								5 U		
P-(DIMETHYLAMINO)AZOBENZENE				5 U								5 U		
PENTACHLOROBENZENE				5 U								5 U		
PENTACHLOROETHANE				5 U								5 U		
PENTACHLORONITROBENZENE				5 U								5 U		
PENTACHLOROPHENOL				5 U								5 U		
PHENACETIN				5 U								5 U		
PHENANTHRENE				0.1 U								0.1 U		
PHENOL				5 U								5 U		
PHORATE				5 U								5 U		
PRONAMIDE				5 U								5 U		
PYRENE				0.1 U								0.1 U		
PYRIDINE				5 U								5 U		
SAFROLE				5 U								5 U		
THIONAZIN				5 U								5 U		
TRANS-ISOSAFROLE				5 U								5 U		
Pesticides/PCBs (ug/L)														
4,4'-DDD				0.097 U								0.1 U		
4,4'-DDE				0.097 U								0.1 U		
4,4'-DDT				0.097 U								0.1 U		
ALDRIN				0.04899 U								0.05099 U		
ALPHA-BHC				0.04899 U								0.05099 U		
ALPHA-CHLORDANE				0.04899 U								0.05099 U		
BETA-BHC				0.04899 U								0.05099 U		
DELTA-BHC				0.04899 U								0.05099 U		
DIELDRIN				0.097 U								0.1 U		
ENDOSULFAN I				0.04899 U								0.05099 U		
ENDOSULFAN II				0.097 U								0.1 U		
ENDOSULFAN SULFATE				0.097 U								0.1 U		
ENDRIN				0.097 U								0.1 U		
ENDRIN ALDEHYDE				0.097 U								0.1 U		
ENDRIN KETONE				0.097 U								0.1 U		
GAMMA-BHC (LINDANE)				0.04899 U								0.05099 U		
GAMMA-CHLORDANE				0.04899 U								0.05099 U		
HEPTACHLOR				0.04899 U								0.05099 U		
HEPTACHLOR EPOXIDE				0.04899 U								0.05099 U		
METHOXYCHLOR				0.49 U								0.50999 U		
TOXAPHENE				4.9 U								5.1 U		
Explosives (ug/L)														

LOCATION	03C07	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2
NSAMPLE	AC074A03-F	AC08P21A03	AC08P21A03-F	AC08P22A03	AC08P22A03-F	AC08P23A03	AC08P23A03-F	AC08P24A03	AC08P24A03-F	AC09P21A03	AC09P21A03-F	AC09P22A03	AC09P22A03-F	AC09P23A03
SAMPLE	AC074A03-F	AC08P21A03	AC08P21A03-F	AC08P22A03	AC08P22A03-F	AC08P23A03	AC08P23A03-F	AC08P24A03	AC08P24A03-F	AC09P21A03	AC09P21A03-F	AC09P22A03	AC09P22A03-F	AC09P23A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/15/2003	2/25/2003	2/25/2003	6/9/2003	6/9/2003	9/3/2003	9/3/2003	12/8/2003	12/8/2003	2/26/2003	2/26/2003	5/19/2003	5/19/2003	8/28/2003
1,3,5-TRINITROBENZENE		0.31 U		0.94999 U		0.63999 U		0.5 U		0.68 U		0.56999 U		1.4 U
1,3-DINITROBENZENE		0.31 U		0.94999 U		0.63999 U		0.5 U		0.68 U		0.56999 U		1.4 U
2,4,6-TRINITROTOLUENE		0.31 U		0.94999 U		0.63999 U		0.5 U		0.68 U		0.56999 U		1.4 U
2,4-DINITROTOLUENE		0.31 U		0.94999 U		0.63999 U		0.5 U		0.68 U		0.56999 U		1.4 U
2,6-DINITROTOLUENE		0.31 U		0.94999 U		0.63999 U		0.5 U		0.68 U		0.56999 U		1.4 U
2-AMINO-4,6-DINITROTOLUENE		2		2.2		2		2.1		0.68 U		0.56999 U		1.4 U
2-NITROTOLUENE		0.31 U		0.94999 U		0.63999 U		0.5 U		0.68 U		0.56999 U		1.4 U
3-NITROTOLUENE		0.31 U		0.94999 U		0.63999 U		0.5 U		0.68 U		0.56999 U		1.4 U
4-AMINO-2,6-DINITROTOLUENE		2.6		2.9		2.5		2.9		0.68 U		0.56999 U		1.4 U
4-NITROTOLUENE		0.31 U		0.94999 U		0.63999 U		0.5 U		0.68 U		0.56999 U		1.4 U
HMX		24		26		27		29		4.7		5.3		5.5
NITROBENZENE		0.31 U		0.94999 U		0.63999 U		0.5 U		0.68 U		0.56999 U		1.4 U
NITROCELLULOSE		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U
NITROGLYCERIN		1.6 U		4.8 U		3.2 U		2.5 U		3.4 U		2.9 U		7 U
PETN		0.76999 U		2.3 U		1.6 U		1.2 U		1.7 U		1.4 U		3.4 U
RDX		68		73		73		82		170		160		190
TETRYL		0.31 U		0.94999 U		0.63999 U		0.5 U		0.68 U		0.56999 U		1.4 U
Herbicides (ug/L)														
2,4,5-T				0.07999 UJ								0.07999 UJ		
2,4,5-TP (SILVEX)				0.07999 UJ								0.07999 UJ		
2,4-D				0.07999 UJ								0.07999 UJ		
DINOSEB				0.07999 UJ								0.07999 UJ		
HEXACHLOROPHENE				0.05 UJ								0.05 UJ		
Dioxins/Furans (pg/L)														
1,2,3,4,6,7,8,9-OCDD		7 U								10 U				
1,2,3,4,6,7,8,9-OCDF		4.9 U								7.5 U				
1,2,3,4,6,7,8-HPCDD		3.5 U								5.4 U				
1,2,3,4,6,7,8-HPCDF		1.9 U								2.7 U				
1,2,3,4,7,8,9-HPCDF		2.6 U								3.3 U				
1,2,3,6,7,8-HXCDD		2.5 U								3.3 U				
1,2,3,6,7,8-HXCDF		1.6 U								1.9 U				
1,2,3,7,8,9-HXCDD		2.5 U								3.7 U				
1,2,3,7,8,9-HXCDF		1.9 U								2.5 U				
1,2,3,7,8-PECDD		3 U								4 U				
1,2,3,7,8-PECDF		1.6 U								1.5 U				
2,3,4,6,7,8-HXCDF		1.5 U								1.9 U				
2,3,4,7,8-PECDF		2 U								2 U				
2,3,7,8-TCDD		2.6 U								2.3 U				
2,3,7,8-TCDF		1.8 U								1.8 U				
TOTAL HPCDD		3.5 U								5.4 U				
TOTAL HPCDF		2.2 U								3 U				
TOTAL HXCDD		2.6 U								3.5 U				
TOTAL HXCDF		1.6 U								2.1 U				
TOTAL PECDD		3 U								4 U				
TOTAL PECDF		1.8 U								1.7 U				
TOTAL TCDD		2.6 U								2.3 U				
TOTAL TCDF		1.8 U								1.8 U				
Inorganics (ug/L)														
ANTIMONY		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
ARSENIC		1.1 U		1.1 U		1.1 U		1.1 U		1.5		1.9		2.3

LOCATION	03C07	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2
NSAMPLE	AC074A03-F	AC08P21A03	AC08P21A03-F	AC08P22A03	AC08P22A03-F	AC08P23A03	AC08P23A03-F	AC08P24A03	AC08P24A03-F	AC09P21A03	AC09P21A03-F	AC09P22A03	AC09P22A03-F	AC09P23A03
SAMPLE	AC074A03-F	AC08P21A03	AC08P21A03-F	AC08P22A03	AC08P22A03-F	AC08P23A03	AC08P23A03-F	AC08P24A03	AC08P24A03-F	AC09P21A03	AC09P21A03-F	AC09P22A03	AC09P22A03-F	AC09P23A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/15/2003	2/25/2003	2/25/2003	6/9/2003	6/9/2003	9/3/2003	9/3/2003	12/8/2003	12/8/2003	2/26/2003	2/26/2003	5/19/2003	5/19/2003	8/28/2003
BARIUM		64.7		55.8		53.3		57.6		16.5		16.8		16.6
BERYLLIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CADMIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CHROMIUM		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U
COBALT		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
COPPER		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
LEAD		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1		1.5
MERCURY		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U
NICKEL		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
SELENIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
SILVER		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
THALLIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
TIN		11.1 UJ		11.1 U		11.1 U		11.1 U		11.1 UJ		11.1 U		11.1 U
VANADIUM		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2		2.6
ZINC		11.1 UJ		11.1 U		12.5		11.1 U		11.1 UJ		11.1 U		11.1 U
Dissolved Inorganics (ug/L)														
ANTIMONY	1 U		1 U		1 U		1 U		1 U		1 U		1 U	
ARSENIC	1 U		1 U		1 U		1 U		1 U		1 U		1 U	
BARIUM	29.9		57.3		52.6		53		52.4		12.4		12	
BERYLLIUM	1 U		1 U		1 U		1 U		1 U		1 U		1 U	
CADMIUM	1 U		1 U		1 U		1 U		1 U		1 U		1 U	
CALCIUM	103000		113000		112000 J		127000		134000		63000		62500 J	
CHROMIUM	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
COBALT	3 U		3 U		3 U		3 U		3 U		3 U		3 U	
COPPER	2 U		2 U		2 U		4.1		2 U		2 U		2 U	
LEAD	1 U		1 U		1 U		1 U		1 U		1 U		1 U	
MAGNESIUM	45700		43800		40700		46700		45400		14500		13700	
MERCURY	0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U	
NICKEL	10 U		10 U		10 U		10 U		10 U		10 U		10 U	
POTASSIUM	1900		12300		11800		10200		7740		1120		1170	
SELENIUM	1.3		1 U		1 U		1 U		1 U		1 U		1 U	
SILVER	3 U		3 U		3 U		3 U		3 U		3 U		3 U	
SODIUM	24400		17200 J		13700		14400		12300		10000 UJ		4520	
THALLIUM	1 U		1 U		1 U		1 U		1 U		1 U		1 U	
TIN	10 U		10 UJ		10 U		10 U		10 U		10 UJ		10 U	
VANADIUM	2 U		2 U		2 U		2 U		2 U		2 U		2 U	
ZINC	10 UJ		10 U		10 U		41.9		10 U		10 U		10 U	
Miscellaneous Parameters (mg/L)														
CHLORIDE		18		10		11		12		5		5		5
CYANIDE		0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U
PHOSPHORUS (ELEMENTAL)		0.01999 U		0.1 U		0.1 U		0.1 U		0.1		0.1		0.1 U
SULFATE		140		110		140 J		150		54		50		49
SULFIDE				1 U								1 U		
TOTAL ORGANIC CARBON		1		1 U		1 U		1 U		1 U		1 U		1 U
TOTAL ORGANIC HALIDES		0.05 U		0.05		0.09		0.05 U		0.10999		0.1		0.1
Dissolved Miscellaneous Parameters (mg/L)														
PHOSPHORUS (ELEMENTAL)	0.1 U		0.01999 U		0.1 U		0.1 U		0.1 U		0.02999		0.1 U	

LOCATION	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15
NSAMPLE	AC09P23A03-D	AC09P23A03-F	AC09P23A03-F-D	AC09P24A03	AC09P24A03-F	AC151A03	AC151A03-D	AC151A03-F	AC151A03-F-D	AC152A03	AC152A03-D	AC152A03-F	AC152A03-F-D	AC153A03
SAMPLE	FD08280301	AC09P23A03-F	FD08280301-F	AC09P24A03	AC09P24A03-F	AC151A03	FD06170301	AC151A03-F	FD03050301-F	AC152A03	FD06170301	AC152A03-F	FD06170301-F	AC153A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	8/28/2003	8/28/2003	8/28/2003	11/12/2003	11/12/2003	3/5/2003	3/5/2003	3/5/2003	3/5/2003	6/17/2003	6/17/2003	6/17/2003	6/17/2003	9/4/2003
Volatile Organics (ug/L)														
1,1,1,2-TETRACHLOROETHANE										0.5 U	0.5 U			
1,1,1-TRICHLOROETHANE										0.5 U	0.5 U			
1,1,2,2-TETRACHLOROETHANE										0.3 U	0.3 U			
1,1,2-TRICHLOROETHANE										0.5 U	0.5 U			
1,1-DICHLOROETHANE										0.5 U	0.5 U			
1,1-DICHLOROETHENE	0.5 U			0.5 U		1 U	1 U			0.5 U	0.5 U			0.5 U
1,2,3-TRICHLOROBENZENE										0.5 UJ	0.5 UJ			
1,2,3-TRICHLOROPROPANE										1 U	1 U			
1,2-DIBROMO-3-CHLOROPROPANE										0.5 U	0.5 U			
1,2-DIBROMOETHANE										0.5 U	0.5 U			
1,2-DICHLOROETHANE										0.3 U	0.3 U			
1,2-DICHLOROPROPANE										0.5 U	0.5 U			
1,4-DIOXANE										100 U	100 U			
2,2-DICHLOROPROPANE										0.5 U	0.5 U			
2-BUTANONE										5 UR	5 UR			
2-HEXANONE										5 UJ	5 UJ			
3-CHLOROPROPENE										5 U	5 U			
4-METHYL-2-PENTANONE										5 U	5 U			
ACETONE										5 UR	5 UR			
ACETONITRILE										40 U	40 U			
ACROLEIN										5 UR	5 UR			
ACRYLONITRILE										5 UR	5 UR			
BENZENE										0.3 U	0.3 U			
BROMOCHLOROMETHANE										0.5 U	0.5 U			
BROMODICHLOROMETHANE										0.3 U	0.3 U			
BROMOFORM										0.5 U	0.5 U			
BROMOMETHANE										1 U	1 U			
CARBON DISULFIDE										0.5 U	0.5 U			
CARBON TETRACHLORIDE										0.3 U	0.3 U			
CHLOROBENZENE										0.5 U	0.5 U			
CHLORODIBROMOMETHANE										0.5 U	0.5 U			
CHLOROETHANE										0.5 U	0.5 U			
CHLOROFORM										0.3 U	0.3 U			
CHLOROMETHANE										0.5 U	0.5 U			
CHLOROPRENE										5 U	5 U			
CIS-1,2-DICHLOROETHENE	2.2			0.5 U		1 U	1 U			0.5 U	0.5 U			0.5 U
CIS-1,3-DICHLOROPROPENE										0.3 U	0.3 U			
DIBROMOMETHANE										0.5 U	0.5 U			
DICHLORODIFLUOROMETHANE										0.5 U	0.5 U			
ETHYL METHACRYLATE										5 U	5 U			
ETHYLBENZENE										0.5 U	0.5 U			
ISOBUTANOL										40 U	40 U			
METHACRYLONITRILE										5 UR	5 UR			
METHYL IODIDE										5 U	5 U			
METHYL METHACRYLATE										5 U	5 U			
METHYLENE CHLORIDE										1 U	1 U			
PROPIONITRILE										40 U	40 U			
STYRENE										0.5 U	0.5 U			
TETRACHLOROETHENE										0.5 U	0.5 U			

LOCATION	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15
NSAMPLE	AC09P23A03-D	AC09P23A03-F	AC09P23A03-F-D	AC09P24A03	AC09P24A03-F	AC151A03	AC151A03-D	AC151A03-F	AC151A03-F-D	AC152A03	AC152A03-D	AC152A03-F	AC152A03-F-D	AC153A03
SAMPLE	FD08280301	AC09P23A03-F	FD08280301-F	AC09P24A03	AC09P24A03-F	AC151A03	FD06170301	AC151A03-F	FD03050301-F	AC152A03	FD06170301	AC152A03-F	FD06170301-F	AC153A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	8/28/2003	8/28/2003	8/28/2003	11/12/2003	11/12/2003	3/5/2003	3/5/2003	3/5/2003	3/5/2003	6/17/2003	6/17/2003	6/17/2003	6/17/2003	9/4/2003
TOLUENE										0.5 U	0.5 U			
TOTAL XYLENES										1 U	1 U			
TRANS-1,2-DICHLOROETHENE	0.5 U			0.5 U		1 U	1 U			0.5 U	0.5 U			0.5 U
TRANS-1,3-DICHLOROPROPENE										0.5 U	0.5 U			
TRANS-1,4-DICHLORO-2-BUTENE										5 U	5 U			
TRICHLOROETHENE	160			0.5 U		1 U	1 U			0.5 U	0.5 U			0.5 U
TRICHLOROFLUOROMETHANE										0.5 U	0.5 U			
VINYL ACETATE										5 U	5 U			
VINYL CHLORIDE	0.5 U			0.5 U		1 U	1 U			0.5 U	0.5 U			0.5 U
Semivolatile Organics (ug/L)														
1,2,4,5-TETRACHLOROBENZENE										5 U	5 U			
1,2,4-TRICHLOROBENZENE										5 U	5 U			
1,2-DICHLOROBENZENE										5 U	5 U			
1,3-DICHLOROBENZENE										5 U	5 U			
1,4-DICHLOROBENZENE										5 U	5 U			
1,4-NAPHTHOQUINONE										5 U	5 U			
1,4-PHENYLENEDIAMINE										5 U	5 UJ			
1-NAPHTHYLAMINE										5 U	5 U			
2,2'-OXYBIS(1-CHLOROPROPANE)										5 U	5 UJ			
2,3,4,6-TETRACHLOROPHENOL										5 U	5 U			
2,4,5-TRICHLOROPHENOL										5 U	5 U			
2,4,6-TRICHLOROPHENOL										5 U	5 U			
2,4-DICHLOROPHENOL										5 U	5 U			
2,4-DIMETHYLPHENOL										5 U	5 U			
2,4-DINITROPHENOL										10 U	10 U			
2,6-DICHLOROPHENOL										5 U	5 U			
2-ACETYLAMINOFLUORENE										5 U	5 U			
2-CHLORONAPHTHALENE										5 U	5 U			
2-CHLOROPHENOL										5 U	5 U			
2-METHYLNAPHTHALENE										0.1 U	0.1 U			
2-METHYLPHENOL										5 U	5 U			
2-NAPHTHYLAMINE										5 U	5 U			
2-NITROANILINE										5 U	5 U			
2-NITROPHENOL										5 U	5 U			
2-PICOLINE										5 U	5 U			
3&4-METHYLPHENOL										5 U	5 U			
3,3'-DICHLOROBENZIDINE										5 U	5 U			
3,3'-DIMETHYLBENZIDINE										5 U	5 U			
3-METHYLCHOLANTHRENE										5 U	5 U			
3-NITROANILINE										5 U	5 U			
4,6-DINITRO-2-METHYLPHENOL										5 U	5 UJ			
4-AMINOBIPHENYL										5 U	5 U			
4-BROMOPHENYL PHENYL ETHER										5 U	5 U			
4-CHLORO-3-METHYLPHENOL										5 U	5 U			
4-CHLOROANILINE										5 U	5 U			
4-CHLOROPHENYL PHENYL ETHER										5 U	5 U			
4-NITROANILINE										5 U	5 U			
4-NITROPHENOL										5 U	5 U			
4-NITROQUINOLINE-1-OXIDE										5 U	5 U			
5-NITRO-O-TOLUIDINE										5 U	5 U			

LOCATION	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15
NSAMPLE	AC09P23A03-D	AC09P23A03-F	AC09P23A03-F-D	AC09P24A03	AC09P24A03-F	AC151A03	AC151A03-D	AC151A03-F	AC151A03-F-D	AC152A03	AC152A03-D	AC152A03-F	AC152A03-F-D	AC153A03
SAMPLE	FD08280301	AC09P23A03-F	FD08280301-F	AC09P24A03	AC09P24A03-F	AC151A03	FD06170301	AC151A03-F	FD03050301-F	AC152A03	FD06170301	AC152A03-F	FD06170301-F	AC153A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	8/28/2003	8/28/2003	8/28/2003	11/12/2003	11/12/2003	3/5/2003	3/5/2003	3/5/2003	3/5/2003	6/17/2003	6/17/2003	6/17/2003	6/17/2003	9/4/2003
7,12-DIMETHYLBENZ(A)ANTHRACENE										5 U	5 U			
A,A-DIMETHYLPHENETHYLAMINE										10 U	10 U			
ACENAPHTHENE										0.1 U	0.1 U			
ACENAPHTHYLENE										0.1 U	0.1 U			
ACETOPHENONE										5 U	5 U			
ANILINE										5 U	5 U			
ANTHRACENE										0.1 U	0.1 U			
ARAMITE A										5 U	5 U			
ARAMITE B										5 U	5 U			
BENZO(A)ANTHRACENE										0.1 U	0.1 U			
BENZO(A)PYRENE										0.1 U	0.1 U			
BENZO(B)FLUORANTHENE										0.1 U	0.1 U			
BENZO(G,H,I)PERYLENE										0.1 U	0.1 U			
BENZO(K)FLUORANTHENE										0.1 U	0.1 U			
BENZYL ALCOHOL										5 U	5 U			
BIS(2-CHLOROETHOXY)METHANE										5 U	5 U			
BIS(2-CHLOROETHYL)ETHER										5 U	5 U			
BIS(2-ETHYLHEXYL)PHTHALATE										5 U	5 U			
BUTYL BENZYL PHTHALATE										5 U	5 U			
CHLOROBENZILATE										5 U	5 U			
CHRYSENE										0.1 U	0.1 U			
CIS-ISOSAFROLE										5 U	5 U			
DI-N-BUTYL PHTHALATE										5 U	5 U			
DI-N-OCTYL PHTHALATE										5 U	5 U			
DIALLATE A										5 U	5 U			
DIALLATE B										5 U	5 U			
DIBENZO(A,H)ANTHRACENE										0.1 U	0.1 U			
DIBENZOFURAN										5 U	5 U			
DIETHYL PHTHALATE										5 U	5 U			
DIMETHOATE										5 U	5 U			
DIMETHYL PHTHALATE										5 U	5 U			
DIPHENYLAMINE										5 U	5 U			
DISULFOTON										5 U	5 U			
ETHYL METHANE SULFONATE										5 U	5 U			
ETHYL PARATHION										5 U	5 U			
FAMPHUR A										5 UR	5 UR			
FAMPHUR B										10 UR	10 UR			
FLUORANTHENE										0.1 U	0.1 U			
FLUORENE										0.1 U	0.1 U			
HEXACHLOROBENZENE										5 U	5 U			
HEXACHLOROBUTADIENE										5 U	5 U			
HEXACHLOROCYCLOPENTADIENE										5 U	5 U			
HEXACHLOROETHANE										5 U	5 U			
HEXACHLOROPROPENE										5 U	5 U			
INDENO(1,2,3-CD)PYRENE										0.1 U	0.1 U			
ISODRIN										5 U	5 U			
ISOPHORONE										5 U	5 U			
KEPONE										5 UR	5 UR			
METHAPYRILENE										5 U	5 UJ			
METHYL METHANE SULFONATE										5 U	5 U			

LOCATION	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15
NSAMPLE	AC09P23A03-D	AC09P23A03-F	AC09P23A03-F-D	AC09P24A03	AC09P24A03-F	AC151A03	AC151A03-D	AC151A03-F	AC151A03-F-D	AC152A03	AC152A03-D	AC152A03-F	AC152A03-F-D	AC153A03
SAMPLE	FD08280301	AC09P23A03-F	FD08280301-F	AC09P24A03	AC09P24A03-F	AC151A03	FD06170301	AC151A03-F	FD03050301-F	AC152A03	FD06170301	AC152A03-F	FD06170301-F	AC153A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	8/28/2003	8/28/2003	8/28/2003	11/12/2003	11/12/2003	3/5/2003	3/5/2003	3/5/2003	3/5/2003	6/17/2003	6/17/2003	6/17/2003	6/17/2003	9/4/2003
METHYL PARATHION														
N-NITROSO-DI-N-BUTYLAMINE										5 U	5 U			
N-NITROSO-DI-N-PROPYLAMINE										5 U	5 U			
N-NITROSODIETHYLAMINE										5 U	5 U			
N-NITROSODIMETHYLAMINE										5 U	5 U			
N-NITROSOMETHYLETHYLAMINE										5 UJ	5 UJ			
N-NITROSOMORPHOLINE										5 U	5 U			
N-NITROSOPIPERIDINE										5 U	5 U			
N-NITROSOPYRROLIDINE										5 U	5 U			
NAPHTHALENE										5 U	5 U			
O,O,O-TRIETHYL PHOSPHOROTHIOAT										0.1 U	0.1 U			
O-TOLUIDINE										5 U	5 U			
P-(DIMETHYLAMINO)AZOBENZENE										5 U	5 U			
PENTACHLOROBENZENE										5 U	5 U			
PENTACHLOROETHANE										5 U	5 U			
PENTACHLORONITROBENZENE										5 U	5 U			
PENTACHLOROPHENOL										5 U	5 U			
PHENACETIN										5 U	5 U			
PHENANTHRENE										5 U	5 U			
PHENOL										0.1 U	0.1 U			
PHORATE										5 U	5 U			
PRONAMIDE										5 U	5 U			
PYRENE										5 U	5 U			
PYRIDINE										0.1 U	0.1 U			
SAFROLE										5 U	5 UJ			
THIONAZIN										5 U	5 U			
TRANS-ISOSAFROLE										5 U	5 U			
Pesticides/PCBs (ug/L)										5 U	5 U			
4,4'-DDD														
4,4'-DDE										0.09899 U	0.09799 U			
4,4'-DDT										0.09899 U	0.09799 U			
ALDRIN										0.09899 U	0.09799 U			
ALPHA-BHC										0.05 U	0.04899 U			
ALPHA-CHLORDANE										0.05 U	0.04899 U			
BETA-BHC										0.05 U	0.04899 U			
DELTA-BHC										0.05 U	0.04899 U			
DIELDRIN										0.05 U	0.04899 U			
ENDOSULFAN I										0.09899 U	0.09799 U			
ENDOSULFAN II										0.05 U	0.04899 U			
ENDOSULFAN SULFATE										0.09899 U	0.09799 U			
ENDRIN										0.09899 U	0.09799 U			
ENDRIN ALDEHYDE										0.09899 U	0.09799 U			
ENDRIN KETONE										0.09899 U	0.09799 U			
GAMMA-BHC (LINDANE)										0.09899 U	0.09799 U			
GAMMA-CHLORDANE										0.05 U	0.04899 U			
HEPTACHLOR										0.05 U	0.04899 U			
HEPTACHLOR EPOXIDE										0.05 U	0.04899 U			
METHOXYCHLOR										0.05 U	0.04899 U			
TOXAPHENE										0.5 U	0.49 U			
Explosives (ug/L)										5 U	4.9 U			

LOCATION	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15
NSAMPLE	AC09P23A03-D	AC09P23A03-F	AC09P23A03-F-D	AC09P24A03	AC09P24A03-F	AC151A03	AC151A03-D	AC151A03-F	AC151A03-F-D	AC152A03	AC152A03-D	AC152A03-F	AC152A03-F-D	AC153A03
SAMPLE	FD08280301	AC09P23A03-F	FD08280301-F	AC09P24A03	AC09P24A03-F	AC151A03	FD06170301	AC151A03-F	FD03050301-F	AC152A03	FD06170301	AC152A03-F	FD06170301-F	AC153A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	8/28/2003	8/28/2003	8/28/2003	11/12/2003	11/12/2003	3/5/2003	3/5/2003	3/5/2003	3/5/2003	6/17/2003	6/17/2003	6/17/2003	6/17/2003	9/4/2003
1,3,5-TRINITROBENZENE	0.63999 U			0.49 U		1.3 U	0.99 U			1 U	1.3 U			1 U
1,3-DINITROBENZENE	0.63999 U			0.49 U		1.3 U	0.99 U			1 U	1.3 U			1 U
2,4,6-TRINITROTOLUENE	0.63999 U			0.49 U		1.3 U	0.99 U			1 U	1.3 U			1 U
2,4-DINITROTOLUENE	0.63999 U			0.49 U		1.3 U	0.99 U			1 U	1.3 U			1 U
2,6-DINITROTOLUENE	0.63999 U			0.61		1.3 U	0.99 U			1 U	1.3 U			1 U
2-AMINO-4,6-DINITROTOLUENE	0.63999 U			0.49 U		1.3 U	0.99 U			1 U	1.3 U			1 U
2-NITROTOLUENE	0.63999 U			0.49 U		1.3 U	0.99 U			1 U	1.3 U			1 U
3-NITROTOLUENE	0.63999 U			0.49 U		1.3 U	0.99 U			1 U	1.3 U			1 U
4-AMINO-2,6-DINITROTOLUENE	0.63999 U			0.49 U		1.3 U	0.99 U			1 U	1.3 U			1 U
4-NITROTOLUENE	0.63999 U			0.49 U		1.3 U	0.99 U			1 U	1.3 U			1 U
HMX	4.7			5.7		1.3 U	0.99 U			1 U	1.3 U			1 U
NITROBENZENE	0.63999 U			0.49 U		1.3 U	0.99 U			1 U	1.3 U			1 U
NITROCELLULOSE	1000 U			1000 U		1000 U	1000 U			1000 U	1000 U			1000 U
NITROGLYCERIN	3.2 U			2.5 U		6.6 U	5 U			5.3 U	6.5 U			5.3 U
PETN	1.6 U			1.2 U		3.2 U	2.4 U			2.6 U	3.2 U			2.6 U
RDX	170			200		1.3 U	0.99 U			1 U	1.3 U			1 U
TETRYL	0.63999 U			0.49 U		1.3 U	0.99 U			1 U	1.3 U			1 U
Herbicides (ug/L)														
2,4,5-T										0.07999 U	0.07999 U			
2,4,5-TP (SILVEX)										0.07999 U	0.07999 U			
2,4-D										0.07999 U	0.07999 U			
DINOSEB										0.07999 U	0.07999 U			
HEXACHLOROPHENE										0.05 U	0.05 U			
Dioxins/Furans (pg/L)														
1,2,3,4,6,7,8,9-OCDD						7.7 U	26 U							
1,2,3,4,6,7,8,9-OCDF						5.7 U	18.7 U							
1,2,3,4,6,7,8-HPCDD						3.9 U	11.2 U							
1,2,3,4,6,7,8-HPCDF						2.3 U	6 U							
1,2,3,4,7,8,9-HPCDF						3 U	8.2 U							
1,2,3,6,7,8-HXCDD						2.2 U	5.4 U							
1,2,3,6,7,8-HXCDF						1.5 U	3.8 U							
1,2,3,7,8,9-HXCDD						2.3 U	6.2 U							
1,2,3,7,8,9-HXCDF						2 U	5.3 U							
1,2,3,7,8-PECDD						2.4 U	5.8 U							
1,2,3,7,8-PECDF						1.4 U	3.6 U							
2,3,4,6,7,8-HXCDF						1.6 U	3.5 U							
2,3,4,7,8-PECDF						1.7 U	4.5 U							
2,3,7,8-TCDD						2.2 U	5.7 U							
2,3,7,8-TCDF						4.2 J	4.2 U							
TOTAL HPCDD						3.9 U	11.2 U							
TOTAL HPCDF						2.6 U	6.9 U							
TOTAL HXCDD						2.3 U	5.9 U							
TOTAL HXCDF						1.6 U	4.1 U							
TOTAL PECDD						2.4 U	5.8 U							
TOTAL PECDF						1.5 U	4 U							
TOTAL TCDD						5.5 U	5.7 U							
TOTAL TCDF						4.2	4.2 U							
Inorganics (ug/L)														
ANTIMONY	1.1 U			1.1 U		1.1 U	1.1 U			1.1 U	1.1 U			1.1 U
ARSENIC	2.1			2.7		1.1 U	1.1 U			1.1 U	1.1 U			1.1 U

LOCATION	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C15
NSAMPLE	AC09P23A03-D	AC09P23A03-F	AC09P23A03-F-D	AC09P24A03	AC09P24A03-F	AC151A03	AC151A03-D	AC151A03-F	AC151A03-F-D	AC152A03	AC152A03-D	AC152A03-F	AC152A03-F-D	AC153A03
SAMPLE	FD08280301	AC09P23A03-F	FD08280301-F	AC09P24A03	AC09P24A03-F	AC151A03	FD06170301	AC151A03-F	FD03050301-F	AC152A03	FD06170301	AC152A03-F	FD06170301-F	AC153A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	8/28/2003	8/28/2003	8/28/2003	11/12/2003	11/12/2003	3/5/2003	3/5/2003	3/5/2003	3/5/2003	6/17/2003	6/17/2003	6/17/2003	6/17/2003	9/4/2003
BARIUM	17.2			19.3		28.4	27.5			24.9	25.3			23.3
BERYLLIUM	1.1 U			1.1 U		1.1 U	1.1 U			1.1 U	1.1 U			1.1 U
CADMIUM	1.1 U			1.1 U		1.1 U	1.1 U			1.1 U	1.1 U			1.1 U
CHROMIUM	5.6 U			5.6 U		5.6 U	5.6 U			5.6 U	5.6 U			5.6 U
COBALT	3.3 U			3.3 U		3.3 U	3.3 U			3.3 U	3.3 U			3.3 U
COPPER	2.2 U			2.2 U		2.2 U	2.2 U			2.2 U	2.2 U			2.2 U
LEAD	1.5			1.8		1.1 U	1.1 U			1.1 U	1.1 U			1.1 U
MERCURY	0.2 U			0.2 U		0.2 U	0.2 U			0.2 U	0.2 U			0.2 U
NICKEL	11.1 U			11.1 U		11.1 U	11.1 U			11.1 U	11.1 U			11.1 U
SELENIUM	1.1 U			1.1 U		1.1 U	1.1 U			1.1 U	1.1 U			1.1 U
SILVER	3.3 U			3.3 U		3.3 U	3.3 U			3.3 U	3.3 U			3.3 U
THALLIUM	1.1 U			1.1 U		1.1 U	1.1 U			1.1 U	1.1 U			1.1 U
TIN	11.1 U			11.1 U		11.1 UJ	11.1 UJ			11.1 U	11.1 U			11.1 U
VANADIUM	2.7			3.2		2.2 U	2.2 U			2.2 U	2.2 U			2.2 U
ZINC	11.1 U			35.4		11.1 UJ	11.1 UJ			11.1 U	11.1 U			11.1 U
Dissolved Inorganics (ug/L)														
ANTIMONY		1 U	1 U		1 U			1 U	1 U			1 U	1 U	
ARSENIC		1 U	1 U		1 U			1 U	1 U			1 U	1 U	
BARIUM		12.4	12.1		12.6			27.9	28.2			25.2	25	
BERYLLIUM		1 U	1 U		1 U			1 U	1 U			1 U	1 U	
CADMIUM		1 U	1 U		1 U			1 U	1 U			1 U	1 U	
CALCIUM		69000	69600		59500			83800	86000			85400 J	86100 J	
CHROMIUM		5 U	5 U		5 U			5 U	5 U			5 U	5 U	
COBALT		3 U	3 U		3 U			3 U	3 U			3 U	3 U	
COPPER		2 U	2 U		2 U			2 U	2 U			2 U	2 U	
LEAD		1 U	1 U		1 U			1 U	1 U			1 U	1 U	
MAGNESIUM		14100	14200		12800			31200	31700			31200	31300	
MERCURY		0.2 U	0.2 U		0.2 U			0.2 U	0.2 U			0.2 U	0.2 U	
NICKEL		10 U	10 U		10 U			10 U	10 U			10 U	10 U	
POTASSIUM		1150	1160		1220			1280	1290			1450	1420	
SELENIUM		1.4	1 U		1 U			1 U	1 U			1 U	1 U	
SILVER		3 U	3 U		3 U			3 U	3 U			3 U	3 U	
SODIUM		4780	4760		5070			10000 UJ	10000 UJ			11400	11200	
THALLIUM		1 U	1 U		1 U			1 U	1 U			1 U	1 U	
TIN		10 U	10 U		10 U			10 UJ	10 UJ			10 U	10 U	
VANADIUM		2 U	2 U		2 U			2 U	2 U			2 U	2 U	
ZINC		10 U	31.6		38.2			10 U	10 U			41.3	10 U	
Miscellaneous Parameters (mg/L)														
CHLORIDE	5			5		6	6			6	6			6
CYANIDE	0.00999 UJ			0.00999 U		0.00999 U	0.00999 U			0.00999 U	0.00999 U			0.00999 U
PHOSPHORUS (ELEMENTAL)	0.1			0.1		0.01999 U	0.01999 U			0.1 U	0.1 U			0.1 U
SULFATE	48			45		100	100			110	100			110 J
SULFIDE										1 U	1 U			
TOTAL ORGANIC CARBON	1 U			1 U		1 U	1 U			1 U	1 U			1 U
TOTAL ORGANIC HALIDES	0.12999	-		0.10999		0.05 U	0.05 U			0.05 U	0.05 U			0.05 UJ
Dissolved Miscellaneous Parameters (mg/L)														
PHOSPHORUS (ELEMENTAL)		0.1 U	0.1 U		0.1 U			0.01999 U	0.01999 U			0.1 U	0.1 U	

LOCATION	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17
NSAMPLE	AC153A03-D	AC153A03-F	AC153A03-F-D	AC154A03	AC154A03-D	AC154A03-F	AC154A03-F-D	AC171A03	AC171A03-D	AC171A03-F	AC171A03-F-D	AC172A03	AC172A03-D	AC172A03-F	AC172A03-F-D
SAMPLE	FD09040301	AC153A03-F	FD09040301-F	AC154A03	FD12020301	AC154A03-F	FD12020301-F	AC171A03	FD06190301	AC171A03-F	FD03110301-F	AC172A03	FD06190301	AC172A03-F	FD06190301-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/4/2003	9/4/2003	9/4/2003	12/2/2003	12/2/2003	12/2/2003	12/2/2003	3/11/2003	3/11/2003	3/11/2003	3/11/2003	6/19/2003	6/19/2003	6/19/2003	6/19/2003
Volatile Organics (ug/L)															
1,1,1,2-TETRACHLOROETHANE												0.5 U	0.5 U		
1,1,1-TRICHLOROETHANE												0.5 U	0.5 U		
1,1,2,2-TETRACHLOROETHANE												0.3 U	0.3 U		
1,1,2-TRICHLOROETHANE												0.5 U	0.5 U		
1,1-DICHLOROETHANE												0.5 U	0.5 U		
1,1-DICHLOROETHENE	0.5 U			0.5 U	0.5 U			1 U	1 U			0.5 U	0.5 U		
1,2,3-TRICHLOROBENZENE												0.5 UJ	0.5 UJ		
1,2,3-TRICHLOROPROPANE												1 U	1 U		
1,2-DIBROMO-3-CHLOROPROPANE												0.5 U	0.5 U		
1,2-DIBROMOETHANE												0.5 U	0.5 U		
1,2-DICHLOROETHANE												0.3 U	0.3 U		
1,2-DICHLOROPROPANE												0.5 U	0.5 U		
1,4-DIOXANE												100 U	100 U		
2,2-DICHLOROPROPANE												0.5 U	0.5 U		
2-BUTANONE												5 UR	5 UR		
2-HEXANONE												5 UJ	5 UJ		
3-CHLOROPROPENE												5 U	5 U		
4-METHYL-2-PENTANONE												5 U	5 U		
ACETONE												5 UR	5 UR		
ACETONITRILE												40 U	40 U		
ACROLEIN												5 UR	5 UR		
ACRYLONITRILE												5 UR	5 UR		
BENZENE												0.3 U	0.3 U		
BROMOCHLOROMETHANE												0.5 U	0.5 U		
BROMODICHLOROMETHANE												0.3 U	0.3 U		
BROMOFORM												0.5 U	0.5 U		
BROMOMETHANE												1 U	1 U		
CARBON DISULFIDE												0.5 U	0.5 U		
CARBON TETRACHLORIDE												0.3 U	0.3 U		
CHLOROBENZENE												0.5 U	0.5 U		
CHLORODIBROMOMETHANE												0.5 U	0.5 U		
CHLOROETHANE												0.5 U	0.5 U		
CHLOROFORM												0.3 U	0.3 U		
CHLOROMETHANE												0.5 U	0.5 U		
CHLOROPRENE												5 U	5 U		
CIS-1,2-DICHLOROETHENE	0.5 U			0.5 U	0.5 U			1 U	1 U			0.5 U	0.5 U		
CIS-1,3-DICHLOROPROPENE												0.3 U	0.3 U		
DIBROMOMETHANE												0.5 U	0.5 U		
DICHLORODIFLUOROMETHANE												0.5 U	0.5 U		
ETHYL METHACRYLATE												5 U	5 U		
ETHYLBENZENE												0.5 U	0.5 U		
ISOBUTANOL												40 U	40 U		
METHACRYLONITRILE												5 UR	5 UR		
METHYL IODIDE												5 U	5 U		
METHYL METHACRYLATE												5 U	5 U		
METHYLENE CHLORIDE												1 U	1 U		
PROPIONITRILE												40 U	40 U		
STYRENE												0.5 U	0.5 U		
TETRACHLOROETHENE												0.5 U	0.5 U		

LOCATION	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17
NSAMPLE	AC153A03-D	AC153A03-F	AC153A03-F-D	AC154A03	AC154A03-D	AC154A03-F	AC154A03-F-D	AC171A03	AC171A03-D	AC171A03-F	AC171A03-F-D	AC172A03	AC172A03-D	AC172A03-F	AC172A03-F-D
SAMPLE	FD09040301	AC153A03-F	FD09040301-F	AC154A03	FD12020301	AC154A03-F	FD12020301-F	AC171A03	FD06190301	AC171A03-F	FD03110301-F	AC172A03	FD06190301	AC172A03-F	FD06190301-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/4/2003	9/4/2003	9/4/2003	12/2/2003	12/2/2003	12/2/2003	12/2/2003	3/11/2003	3/11/2003	3/11/2003	3/11/2003	6/19/2003	6/19/2003	6/19/2003	6/19/2003
TOLUENE												0.5 U	0.5 U		
TOTAL XYLENES												1 U	1 U		
TRANS-1,2-DICHLOROETHENE	0.5 U			0.5 U	0.5 U			1 U	1 U			0.5 U	0.5 U		
TRANS-1,3-DICHLOROPROPENE												0.5 U	0.5 U		
TRANS-1,4-DICHLORO-2-BUTENE												5 U	5 U		
TRICHLOROETHENE	0.5 U			0.5 U	0.5 U			1 U	1 U			0.5 U	0.5 U		
TRICHLOROFLUOROMETHANE												0.5 U	0.5 U		
VINYL ACETATE												5 U	5 U		
VINYL CHLORIDE	0.5 U			0.5 U	0.5 U			1 U	1 U			0.5 U	0.5 U		
Semivolatile Organics (ug/L)															
1,2,4,5-TETRACHLOROBENZENE												5 U	5 U		
1,2,4-TRICHLOROBENZENE												5 U	5 U		
1,2-DICHLOROBENZENE												5 U	5 U		
1,3-DICHLOROBENZENE												5 U	5 U		
1,4-DICHLOROBENZENE												5 U	5 U		
1,4-NAPHTHOQUINONE												5 U	5 U		
1,4-PHENYLENEDIAMINE												5 UJ	5 UJ		
1-NAPHTHYLAMINE												5 U	5 U		
2,2'-OXYBIS(1-CHLOROPROPANE)												5 UJ	5 UJ		
2,3,4,6-TETRACHLOROPHENOL												5 U	5 U		
2,4,5-TRICHLOROPHENOL												5 U	5 U		
2,4,6-TRICHLOROPHENOL												5 U	5 U		
2,4-DICHLOROPHENOL												5 U	5 U		
2,4-DIMETHYLPHENOL												5 U	5 U		
2,4-DINITROPHENOL												10 U	10 U		
2,6-DICHLOROPHENOL												5 U	5 U		
2-ACETYLAMINOFLUORENE												5 U	5 U		
2-CHLORONAPHTHALENE												5 U	5 U		
2-CHLOROPHENOL												5 U	5 U		
2-METHYLNAPHTHALENE												0.1 U	0.1 U		
2-METHYLPHENOL												5 U	5 U		
2-NAPHTHYLAMINE												5 U	5 U		
2-NITROANILINE												5 U	5 U		
2-NITROPHENOL												5 U	5 U		
2-PICOLINE												5 U	5 U		
3&4-METHYLPHENOL												5 U	5 U		
3,3'-DICHLOROBENZIDINE												5 U	5 U		
3,3'-DIMETHYLBENZIDINE												5 U	5 U		
3-METHYLCHOLANTHRENE												5 U	5 U		
3-NITROANILINE												5 U	5 U		
4,6-DINITRO-2-METHYLPHENOL												5 UJ	5 UJ		
4-AMINOBIPHENYL												5 U	5 U		
4-BROMOPHENYL PHENYL ETHER												5 U	5 U		
4-CHLORO-3-METHYLPHENOL												5 U	5 U		
4-CHLOROANILINE												5 U	5 U		
4-CHLOROPHENYL PHENYL ETHER												5 U	5 U		
4-NITROANILINE												5 U	5 U		
4-NITROPHENOL												5 U	5 U		
4-NITROQUINOLINE-1-OXIDE												5 U	5 U		
5-NITRO-O-TOLUIDINE												5 U	5 U		

LOCATION	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17
NSAMPLE	AC153A03-D	AC153A03-F	AC153A03-F-D	AC154A03	AC154A03-D	AC154A03-F	AC154A03-F-D	AC171A03	AC171A03-D	AC171A03-F	AC171A03-F-D	AC172A03	AC172A03-D	AC172A03-F	AC172A03-F-D
SAMPLE	FD09040301	AC153A03-F	FD09040301-F	AC154A03	FD12020301	AC154A03-F	FD12020301-F	AC171A03	FD06190301	AC171A03-F	FD03110301-F	AC172A03	FD06190301	AC172A03-F	FD06190301-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/4/2003	9/4/2003	9/4/2003	12/2/2003	12/2/2003	12/2/2003	12/2/2003	3/11/2003	3/11/2003	3/11/2003	3/11/2003	6/19/2003	6/19/2003	6/19/2003	6/19/2003
7,12-DIMETHYLBENZ(A)ANTHRACENE												5 U	5 U		
A,A-DIMETHYLPHENETHYLAMINE												10 U	10 U		
ACENAPHTHENE												0.1 U	0.1 U		
ACENAPHTHYLENE												0.1 U	0.1 U		
ACETOPHENONE												5 U	5 U		
ANILINE												5 U	5 U		
ANTHRACENE												0.1 U	0.1 U		
ARAMITE A												5 U	5 U		
ARAMITE B												5 U	5 U		
BENZO(A)ANTHRACENE												0.1 U	0.1 U		
BENZO(A)PYRENE												0.1 U	0.1 U		
BENZO(B)FLUORANTHENE												0.1 U	0.1 U		
BENZO(G,H,I)PERYLENE												0.1 U	0.1 U		
BENZO(K)FLUORANTHENE												0.1 U	0.1 U		
BENZYL ALCOHOL												5 U	5 U		
BIS(2-CHLOROETHOXY)METHANE												5 U	5 U		
BIS(2-CHLOROETHYL)ETHER												5 U	5 U		
BIS(2-ETHYLHEXYL)PHTHALATE												5 U	5 U		
BUTYL BENZYL PHTHALATE												5 U	5 U		
CHLOROBENZILATE												5 U	5 U		
CHRYSENE												0.1 U	0.1 U		
CIS-ISOSAFROLE												5 U	5 U		
DI-N-BUTYL PHTHALATE												5 U	5 U		
DI-N-OCTYL PHTHALATE												5 U	5 U		
DIALLATE A												5 U	5 U		
DIALLATE B												5 U	5 U		
DIBENZO(A,H)ANTHRACENE												0.1 U	0.1 U		
DIBENZOFURAN												5 U	5 U		
DIETHYL PHTHALATE												5 U	5 U		
DIMETHOATE												5 U	5 U		
DIMETHYL PHTHALATE												5 U	5 U		
DIPHENYLAMINE												5 U	5 U		
DISULFOTON												5 U	5 U		
ETHYL METHANE SULFONATE												5 U	5 U		
ETHYL PARATHION												5 U	5 U		
FAMPHUR A												5 UR	5 UR		
FAMPHUR B												10 UR	10 UR		
FLUORANTHENE												0.1 U	0.1 U		
FLUORENE												0.1 U	0.1 U		
HEXACHLOROBENZENE												5 U	5 U		
HEXACHLOROBUTADIENE												5 U	5 U		
HEXACHLOROCYCLOPENTADIENE												5 U	5 U		
HEXACHLOROETHANE												5 U	5 U		
HEXACHLOROPROPENE												5 U	5 U		
INDENO(1,2,3-CD)PYRENE												0.1 U	0.1 U		
ISODRIN												5 U	5 U		
ISOPHORONE												5 U	5 U		
KEPONE												5 UR	5 UR		
METHAPYRILENE												5 UJ	5 UJ		
METHYL METHANE SULFONATE												5 U	5 U		

LOCATION	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17
NSAMPLE	AC153A03-D	AC153A03-F	AC153A03-F-D	AC154A03	AC154A03-D	AC154A03-F	AC154A03-F-D	AC171A03	AC171A03-D	AC171A03-F	AC171A03-F-D	AC172A03	AC172A03-D	AC172A03-F	AC172A03-F-D
SAMPLE	FD09040301	AC153A03-F	FD09040301-F	AC154A03	FD12020301	AC154A03-F	FD12020301-F	AC171A03	FD06190301	AC171A03-F	FD03110301-F	AC172A03	FD06190301	AC172A03-F	FD06190301-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/4/2003	9/4/2003	9/4/2003	12/2/2003	12/2/2003	12/2/2003	12/2/2003	3/11/2003	3/11/2003	3/11/2003	3/11/2003	6/19/2003	6/19/2003	6/19/2003	6/19/2003
METHYL PARATHION												5 U	5 U		
N-NITROSO-DI-N-BUTYLAMINE												5 U	5 U		
N-NITROSO-DI-N-PROPYLAMINE												5 U	5 U		
N-NITROSODIETHYLAMINE												5 U	5 U		
N-NITROSODIMETHYLAMINE												5 U	5 UJ		
N-NITROSOMETHYLETHYLAMINE												5 U	5 U		
N-NITROSOMORPHOLINE												5 U	5 U		
N-NITROSOPIPERIDINE												5 U	5 U		
N-NITROSOPYRROLIDINE												5 U	5 U		
NAPHTHALENE												0.1 U	0.1 U		
O,O,O-TRIETHYL PHOSPHOROTHIOAT												5 U	5 U		
O-TOLUIDINE												5 U	5 U		
P-(DIMETHYLAMINO)AZOBENZENE												5 U	5 U		
PENTACHLOROBENZENE												5 U	5 U		
PENTACHLOROETHANE												5 U	5 U		
PENTACHLORONITROBENZENE												5 U	5 U		
PENTACHLOROPHENOL												5 U	5 U		
PHENACETIN												5 U	5 U		
PHENANTHRENE												0.1 U	0.1 U		
PHENOL												5 U	5 U		
PHORATE												5 U	5 U		
PRONAMIDE												5 U	5 U		
PYRENE												0.1 U	0.1 U		
PYRIDINE												5 UJ	5 UJ		
SAFROLE												5 U	5 U		
THIONAZIN												5 U	5 U		
TRANS-ISOSAFROLE												5 U	5 U		
Pesticides/PCBs (ug/L)															
4,4'-DDD												0.097 U	0.097 U		
4,4'-DDE												0.097 U	0.097 U		
4,4'-DDT												0.097 U	0.097 U		
ALDRIN												0.04899 U	0.04899 U		
ALPHA-BHC												0.04899 U	0.04899 U		
ALPHA-CHLORDANE												0.04899 U	0.04899 U		
BETA-BHC												0.04899 U	0.04899 U		
DELTA-BHC												0.04899 U	0.04899 U		
DIELDRIN												0.097 U	0.097 U		
ENDOSULFAN I												0.04899 U	0.04899 U		
ENDOSULFAN II												0.097 U	0.097 U		
ENDOSULFAN SULFATE												0.097 U	0.097 U		
ENDRIN												0.097 U	0.097 U		
ENDRIN ALDEHYDE												0.097 U	0.097 U		
ENDRIN KETONE												0.097 U	0.097 U		
GAMMA-BHC (LINDANE)												0.04899 U	0.04899 U		
GAMMA-CHLORDANE												0.04899 U	0.04899 U		
HEPTACHLOR												0.04899 U	0.04899 U		
HEPTACHLOR EPOXIDE												0.04899 U	0.04899 U		
METHOXYCHLOR												0.49 U	0.49 U		
TOXAPHENE												4.9 U	4.9 U		
Explosives (ug/L)															

LOCATION	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17
NSAMPLE	AC153A03-D	AC153A03-F	AC153A03-F-D	AC154A03	AC154A03-D	AC154A03-F	AC154A03-F-D	AC171A03	AC171A03-D	AC171A03-F	AC171A03-F-D	AC172A03	AC172A03-D	AC172A03-F	AC172A03-F-D
SAMPLE	FD09040301	AC153A03-F	FD09040301-F	AC154A03	FD12020301	AC154A03-F	FD12020301-F	AC171A03	FD06190301	AC171A03-F	FD03110301-F	AC172A03	FD06190301	AC172A03-F	FD06190301-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/4/2003	9/4/2003	9/4/2003	12/2/2003	12/2/2003	12/2/2003	12/2/2003	3/11/2003	3/11/2003	3/11/2003	3/11/2003	6/19/2003	6/19/2003	6/19/2003	6/19/2003
1,3,5-TRINITROBENZENE	0.64999 U			0.50999 U	0.51999 U			1.3 U	1 U			1.7 U	0.68999 U		
1,3-DINITROBENZENE	0.64999 U			0.50999 U	0.51999 U			1.3 U	1 U			1.7 U	0.68999 U		
2,4,6-TRINITROTOLUENE	0.64999 U			0.50999 U	0.51999 U			1.3 U	1 U			1.7 U	0.68999 U		
2,4-DINITROTOLUENE	0.64999 U			0.50999 U	0.51999 U			1.3 U	1 U			1.7 U	0.68999 U		
2,6-DINITROTOLUENE	0.64999 U			0.50999 U	0.51999 U			1.3 U	1 U			1.7 U	0.68999 U		
2-AMINO-4,6-DINITROTOLUENE	0.64999 U			0.50999 U	0.51999 U			1.3 U	1 U			1.7 U	0.68999 U		
2-NITROTOLUENE	0.64999 U			0.50999 U	0.51999 U			1.3 U	1 U			1.7 U	0.68999 U		
3-NITROTOLUENE	0.64999 U			0.50999 U	0.51999 U			1.3 U	1 U			1.7 U	0.68999 U		
4-AMINO-2,6-DINITROTOLUENE	0.64999 U			0.50999 U	0.51999 U			1.3 U	1 U			1.7 U	0.68999 U		
4-NITROTOLUENE	0.64999 U			0.50999 U	0.51999 U			1.3 U	1 U			1.7 U	0.68999 U		
HMX	0.64999 U			0.50999 U	0.51999 U			1.3 U	1 U			1.7 U	0.68999 U		
NITROBENZENE	0.64999 U			0.50999 U	0.51999 U			1.3 U	1 U			1.7 U	0.68999 U		
NITROCELLULOSE	1000 U			1000 U	1000 U			1000 U	4500			1000 U	1000 U		
NITROGLYCERIN	3.3 U			2.6 U	2.6 U			6.5 U	5.2 U			8.6 U	3.5 U		
PETN	1.6 U			1.3 U	1.3 U			3.1 U	2.5 U			4.2 U	1.7 U		
RDX	0.64999 U			0.50999 U	0.51999 U			1.3 U	1 U			1.7 U	0.68999 U		
TETRYL	0.64999 U			0.50999 U	0.51999 U			1.3 U	1 U			1.7 U	0.68999 U		
Herbicides (ug/L)															
2,4,5-T												0.07999 U	0.07999 U		
2,4,5-TP (SILVEX)												0.07999 U	0.07999 U		
2,4-D												0.07999 U	0.07999 U		
DINOSEB												0.07999 U	0.07999 U		
HEXACHLOROPHENE												0.05 U	0.05 U		
Dioxins/Furans (pg/L)															
1,2,3,4,6,7,8,9-OCDD								1.9 J	34.2 U						
1,2,3,4,6,7,8,9-OCDF								2.3 U	22.6 U						
1,2,3,4,6,7,8-HPCDD								2.2 U	12.9 U						
1,2,3,4,6,7,8-HPCDF								1.2 U	6 U						
1,2,3,4,7,8,9-HPCDF								1.6 U	8.9 U						
1,2,3,6,7,8-HXCDD								1.2 U	6.6 U						
1,2,3,6,7,8-HXCDF								0.9 J	3.8 U						
1,2,3,7,8,9-HXCDD								1.2 U	7.6 U						
1,2,3,7,8,9-HXCDF								1 U	5.7 U						
1,2,3,7,8-PECDD								1.3 U	9.2 U						
1,2,3,7,8-PECDF								0.8 U	3.9 U						
2,3,4,6,7,8-HXCDF								0.8 U	4.4 U						
2,3,4,7,8-PECDF								0.9 U	5.2 U						
2,3,7,8-TCDD								1.2 U	4.4 U						
2,3,7,8-TCDF								1 U	3.2 U						
TOTAL HPCDD								2.2 U	12.9 U						
TOTAL HPCDF								1.4 U	7.2 U						
TOTAL HXCDD								1.2 U	7.3 U						
TOTAL HXCDF								0.9	4.4 U						
TOTAL PECDD								1.3 U	9.2 U						
TOTAL PECDF								0.8 U	4.5 U						
TOTAL TCDD								1.2 U	4.4 U						
TOTAL TCDF								1 U	3.2 U						
Inorganics (ug/L)															
ANTIMONY	1.1 U			1.1 U	1.1 U			1.1 U	1.1 U			1.1 U	1.1 U		
ARSENIC	1.1 U			1.1 U	1.1 U			3.1	3			2.5	2.4		

LOCATION	03C15	03C15	03C15	03C15	03C15	03C15	03C15	03C17	03C17	03C17	03C17	03C17	03C17	03C17	03C17
NSAMPLE	AC153A03-D	AC153A03-F	AC153A03-F-D	AC154A03	AC154A03-D	AC154A03-F	AC154A03-F-D	AC171A03	AC171A03-D	AC171A03-F	AC171A03-F-D	AC172A03	AC172A03-D	AC172A03-F	AC172A03-F-D
SAMPLE	FD09040301	AC153A03-F	FD09040301-F	AC154A03	FD12020301	AC154A03-F	FD12020301-F	AC171A03	FD06190301	AC171A03-F	FD03110301-F	AC172A03	FD06190301	AC172A03-F	FD06190301-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/4/2003	9/4/2003	9/4/2003	12/2/2003	12/2/2003	12/2/2003	12/2/2003	3/11/2003	3/11/2003	3/11/2003	3/11/2003	6/19/2003	6/19/2003	6/19/2003	6/19/2003
BARIUM	23.1			25.7	25.8			11.4	11.2			10	14.4		
BERYLLIUM	1.1 U			1.1 U	1.1 U			1.1 U	1.1 U			1.1 U	1.1 U		
CADMIUM	1.1 U			1.1 U	1.1 U			1.1 U	1.1 U			1.1 U	1.1 U		
CHROMIUM	5.6 U			5.6 U	5.6 U			5.6 U	5.6 U			5.6 U	5.6 U		
COBALT	3.3 U			3.3 U	3.3 U			3.3 U	3.3 U			3.3 U	3.3 U		
COPPER	2.2 U			2.2 U	2.2 U			2.2 U	2.2 U			2.2 U	2.2 U		
LEAD	1.3			1.1 U	1.1 U			1.1 U	1.1 U			1.1 U	1.1 U		
MERCURY	0.2 U			0.2 U	0.2 U			0.2 U	0.2 U			0.2 U	0.2 U		
NICKEL	11.1 U			11.1 U	11.1 U			11.1 U	11.1 U			11.1 U	11.1 U		
SELENIUM	1.1 U			1.1 U	1.1 U			1.1 U	1.1 U			1.1 U	1.1 U		
SILVER	3.3 U			3.3 U	3.3 U			3.3 U	3.3 U			3.3 U	3.3 U		
THALLIUM	1.1 U			1.1 U	1.1 U			1.1 U	1.1 U			1.1 U	1.1 U		
TIN	11.1 U			11.1 U	11.1 U			11.1 UJ	11.1 UJ			11.1 U	11.1 U		
VANADIUM	2.2 U			2.2 U	2.2 U			2.2 U	2.2 U			2.2 U	2.2 U		
ZINC	95			11.1 U	11.1 U			11.1 UJ	11.1 UJ			11.1 U	11.1 U		
Dissolved Inorganics (ug/L)															
ANTIMONY		1 U	1 U			1 U	1 U			1 U	1 U			1 U	1 U
ARSENIC		1 U	1 U			1 U	1 U			2.5	2.4			1.7	1.6
BARIUM		23.7	24.6			26.4	26.4			10.9	10.9			9	8.9
BERYLLIUM		1 U	1 U			1 U	1 U			1 U	1 U			1 U	1 U
CADMIUM		1 U	1 U			1 U	1 U			1 U	1 U			1 U	1 U
CALCIUM		92200	92500			97000	95300			183000	178000			196000 J	188000 J
CHROMIUM		5 U	5 U			5 U	5 U			5 U	5 U			5 U	5 U
COBALT		3 U	3 U			3 U	3 U			3 U	3 U			3 U	3 U
COPPER		2 U	2 U			2 U	2 U			2 U	2 U			2 U	2 U
LEAD		1 U	1 U			1 U	1 U			1 U	1 U			1 U	1 U
MAGNESIUM		36300	35800			33900	33200			181000	180000			176000	175000
MERCURY		0.2 U	0.2 U			0.2 U	0.2 U			0.2 U	0.2 U			0.37	0.2 U
NICKEL		10 U	10 U			10 U	10 U			10 U	10 U			10 U	10 U
POTASSIUM		1480	1530			1530	1510			3860	3670			3090	3120
SELENIUM		1 U	1 U			1 U	1 U			1 U	1 U			1 U	1 U
SILVER		3 U	3 U			3 U	3 U			3 U	3 U			3 U	3 U
SODIUM		13100	12900			10200	9950			354000 J	108000 J			103000	102000
THALLIUM		1 U	1 U			1 U	1 U			1 U	1 U			1 U	1 U
TIN		10 U	10 U			10 U	10 U			10 UJ	10 UJ			10 U	10 U
VANADIUM		2 U	2 U			2 U	2 U			2 U	2 U			2 U	2 U
ZINC		10 U	10 U			10 U	10 U			10 U	10 U			17.2	10 U
Miscellaneous Parameters (mg/L)															
CHLORIDE	6			6	6			3	3			4	3		
CYANIDE	0.00999 U			0.00999 UJ	0.00999 UJ			0.00999 U	0.00999 U			0.00999 U	0.00999 UJ		
PHOSPHORUS (ELEMENTAL)	0.1 U			0.1 U	0.1 U			0.01999 U	0.01999 U			0.1 U	0.1 U		
SULFATE	100 J			94	110			1100 J	1200 J			990	1000		
SULFIDE												1 U	1 U		
TOTAL ORGANIC CARBON	1 U			1 U	1 U			1	1 U			1 U	1 U		
TOTAL ORGANIC HALIDES	0.05 UJ			0.05999	0.05 U			0.05 U	0.05 U			0.05 U	0.05 U		
Dissolved Miscellaneous Parameters (mg/L)															
PHOSPHORUS (ELEMENTAL)		0.1 U	0.1 U			0.1 U	0.1 U			0.01999 U	0.01999 U			0.1 U	0.1 U

LOCATION	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C25	03C25	03C25	03C25
NSAMPLE	AC173A03	AC173A03-F	AC174A03	AC174A03-F	AC201A03	AC201A03-F	AC202A03	AC202A03-F	AC203A03	AC203A03-F	AC204A03	AC204A03-F	AC251A03	AC252A03	AC252A03-F	AC253A03
SAMPLE	AC173A03	AC173A03-F	AC174A03	AC174A03-F	AC201A03	AC201A03-F	AC202A03	AC202A03-F	AC203A03	AC203A03-F	AC204A03	AC204A03-F	AC251A03	AC252A03	AC252A03-F	AC253A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/8/2003	9/8/2003	12/22/2003	12/22/2003	3/12/2003	3/12/2003	6/4/2003	6/4/2003	8/25/2003	8/25/2003	11/17/2003	11/17/2003	1/1/2003	5/27/2003	5/27/2003	9/9/2003
Volatile Organics (ug/L)																
1,1,1,2-TETRACHLOROETHANE							0.5 U							0.5 U		
1,1,1-TRICHLOROETHANE							0.5 U							0.5 U		
1,1,2,2-TETRACHLOROETHANE							0.3 U							0.3 U		
1,1,2-TRICHLOROETHANE							0.2 J							0.5 U		
1,1-DICHLOROETHANE							0.5 U							0.5 U		
1,1-DICHLOROETHENE	0.5 U		0.5 U		1 U		0.3 J		0.5 U		0.5 U			0.5 U		0.5 U
1,2,3-TRICHLOROBENZENE							0.5 UJ							0.5 UJ		
1,2,3-TRICHLOROPROPANE							1 U							1 U		
1,2-DIBROMO-3-CHLOROPROPANE							0.5 U							0.5 U		
1,2-DIBROMOETHANE							0.5 U							0.5 U		
1,2-DICHLOROETHANE							0.6							0.3 U		
1,2-DICHLOROPROPANE							0.5 U							0.5 U		
1,4-DIOXANE							100 U							100 U		
2,2-DICHLOROPROPANE							0.5 U							0.5 U		
2-BUTANONE							5 UR							5 UR		
2-HEXANONE							5 U							5 U		
3-CHLOROPROPENE							5 U							5 U		
4-METHYL-2-PENTANONE							5 U							5 U		
ACETONE							5 UR							5 UR		
ACETONITRILE							40 U							40 U		
ACROLEIN							5 UR							5 UR		
ACRYLONITRILE							5 UR							5 UR		
BENZENE							0.3 U							0.3 U		
BROMOCHLOROMETHANE							0.5 U							0.5 U		
BROMODICHLOROMETHANE							0.3 U							0.3 U		
BROMOFORM							0.5 U							0.5 U		
BROMOMETHANE							1 U							1 U		
CARBON DISULFIDE							0.5 U							0.5 U		
CARBON TETRACHLORIDE							0.2 J							0.3 U		
CHLOROBENZENE							0.5 U							0.5 U		
CHLORODIBROMOMETHANE							0.5 U							0.5 U		
CHLOROETHANE							0.5 U							0.5 U		
CHLOROFORM							0.69999							0.3 U		
CHLOROMETHANE							0.5 U							0.5 U		
CHLOROPRENE							5 U							5 U		
CIS-1,2-DICHLOROETHENE	0.5 U		0.5 U		110 E		88		94		87			0.5 U		0.5 U
CIS-1,3-DICHLOROPROPENE							0.3 U							0.3 U		
DIBROMOMETHANE							0.5 U							0.5 U		
DICHLORODIFLUOROMETHANE							0.5 U							0.5 U		
ETHYL METHACRYLATE							5 U							5 U		
ETHYLBENZENE							0.5 U							0.5 U		
ISOBUTANOL							40 U							40 U		
METHACRYLONITRILE							5 UR							5 UR		
METHYL IODIDE							5 U							5 U		
METHYL METHACRYLATE							5 U							5 U		
METHYLENE CHLORIDE							15 J							1 U		
PROPIONITRILE							40 U							40 U		
STYRENE							0.5 U							0.5 U		
TETRACHLOROETHENE							1.1							0.5 U		

LOCATION	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C25	03C25	03C25	03C25
NSAMPLE	AC173A03	AC173A03-F	AC174A03	AC174A03-F	AC201A03	AC201A03-F	AC202A03	AC202A03-F	AC203A03	AC203A03-F	AC204A03	AC204A03-F	AC251A03	AC252A03	AC252A03-F	AC253A03
SAMPLE	AC173A03	AC173A03-F	AC174A03	AC174A03-F	AC201A03	AC201A03-F	AC202A03	AC202A03-F	AC203A03	AC203A03-F	AC204A03	AC204A03-F	AC251A03	AC252A03	AC252A03-F	AC253A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/8/2003	9/8/2003	12/22/2003	12/22/2003	3/12/2003	3/12/2003	6/4/2003	6/4/2003	8/25/2003	8/25/2003	11/17/2003	11/17/2003	1/1/2003	5/27/2003	5/27/2003	9/9/2003
TOLUENE							0.5 U							0.5 U		
TOTAL XYLENES							1 U							1 U		
TRANS-1,2-DICHLOROETHENE	0.5 U		0.5 U		8.3		6.6 J		7.4		7.1			0.5 U		0.5 U
TRANS-1,3-DICHLOROPROPENE							0.5 U							0.5 U		
TRANS-1,4-DICHLORO-2-BUTENE							5 U							5 U		
TRICHLOROETHENE	0.5 U		0.5 U		2600		2000		3200		2700			0.5 U		0.5 U
TRICHLOROFLUOROMETHANE							0.5 U							0.5 U		
VINYL ACETATE							5 U							5 U		
VINYL CHLORIDE	0.5 U		0.5 U		1 U		0.5 U		0.5 U		0.5 U			0.5 U		0.5 U
Semivolatile Organics (ug/L)																
1,2,4,5-TETRACHLOROBENZENE							5 U							5 U		
1,2,4-TRICHLOROBENZENE							5 U							5 U		
1,2-DICHLOROBENZENE							5 U							5 U		
1,3-DICHLOROBENZENE							5 U							5 U		
1,4-DICHLOROBENZENE							5 U							5 U		
1,4-NAPHTHOQUINONE							5 U							5 U		
1,4-PHENYLENEDIAMINE							5 UJ							5 UJ		
1-NAPHTHYLAMINE							5 U							5 U		
2,2'-OXYBIS(1-CHLOROPROPANE)							5 U							5 U		
2,3,4,6-TETRACHLOROPHENOL							5 U							5 U		
2,4,5-TRICHLOROPHENOL							5 U							5 U		
2,4,6-TRICHLOROPHENOL							5 U							5 U		
2,4-DICHLOROPHENOL							5 U							5 U		
2,4-DIMETHYLPHENOL							5 U							5 U		
2,4-DINITROPHENOL							10 U							10 UJ		
2,6-DICHLOROPHENOL							5 U							5 U		
2-ACETYLAMINOFLUORENE							5 U							5 UJ		
2-CHLORONAPHTHALENE							5 U							5 U		
2-CHLOROPHENOL							5 U							5 U		
2-METHYLNAPHTHALENE							0.1 U							0.1 U		
2-METHYLPHENOL							5 U							5 U		
2-NAPHTHYLAMINE							5 U							5 U		
2-NITROANILINE							5 U							5 U		
2-NITROPHENOL							5 U							5 U		
2-PICOLINE							5 U							5 U		
3&4-METHYLPHENOL							5 U							5 U		
3,3'-DICHLOROBENZIDINE							5 U							5 U		
3,3'-DIMETHYLBENZIDINE							5 U							5 U		
3-METHYLCHOLANTHRENE							5 U							5 U		
3-NITROANILINE							5 U							5 U		
4,6-DINITRO-2-METHYLPHENOL							5 U							5 UJ		
4-AMINOBIPHENYL							5 U							5 U		
4-BROMOPHENYL PHENYL ETHER							5 U							5 U		
4-CHLORO-3-METHYLPHENOL							5 U							5 U		
4-CHLOROANILINE							5 U							5 U		
4-CHLOROPHENYL PHENYL ETHER							5 U							5 U		
4-NITROANILINE							5 U							5 U		
4-NITROPHENOL							5 U							5 UJ		
4-NITROQUINOLINE-1-OXIDE							5 U							5 U		
5-NITRO-O-TOLUIDINE							5 U							5 U		

LOCATION	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C25	03C25	03C25	03C25
NSAMPLE	AC173A03	AC173A03-F	AC174A03	AC174A03-F	AC201A03	AC201A03-F	AC202A03	AC202A03-F	AC203A03	AC203A03-F	AC204A03	AC204A03-F	AC251A03	AC252A03	AC252A03-F	AC253A03
SAMPLE	AC173A03	AC173A03-F	AC174A03	AC174A03-F	AC201A03	AC201A03-F	AC202A03	AC202A03-F	AC203A03	AC203A03-F	AC204A03	AC204A03-F	AC251A03	AC252A03	AC252A03-F	AC253A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/8/2003	9/8/2003	12/22/2003	12/22/2003	3/12/2003	3/12/2003	6/4/2003	6/4/2003	8/25/2003	8/25/2003	11/17/2003	11/17/2003	1/1/2003	5/27/2003	5/27/2003	9/9/2003
7,12-DIMETHYLBENZ(A)ANTHRACENE							5 U							5 U		
A,A-DIMETHYLPHENETHYLAMINE							10 U							10 U		
ACENAPHTHENE							0.1 U							0.1 U		
ACENAPHTHYLENE							0.1 U							0.1 U		
ACETOPHENONE							5 U							5 U		
ANILINE							5 U							5 U		
ANTHRACENE							0.1 U							0.1 U		
ARAMITE A							5 U							5 U		
ARAMITE B							5 U							5 U		
BENZO(A)ANTHRACENE							0.1 U							0.1 U		
BENZO(A)PYRENE							0.1 U							0.1 U		
BENZO(B)FLUORANTHENE							0.1 U							0.1 U		
BENZO(G,H,I)PERYLENE							0.1 U							0.1 U		
BENZO(K)FLUORANTHENE							0.1 U							0.1 U		
BENZYL ALCOHOL							5 U							5 U		
BIS(2-CHLOROETHOXY)METHANE							5 U							5 U		
BIS(2-CHLOROETHYL)ETHER							5 U							5 U		
BIS(2-ETHYLHEXYL)PHTHALATE							5 U							5 U		
BUTYL BENZYL PHTHALATE							5 U							5 U		
CHLOROBENZILATE							5 U							5 U		
CHRYSENE							0.1 U							0.1 U		
CIS-ISOSAFROLE							5 U							5 U		
DI-N-BUTYL PHTHALATE							5 U							5 U		
DI-N-OCTYL PHTHALATE							5 U							5 U		
DIALLATE A							5 U							5 U		
DIALLATE B							5 U							5 U		
DIBENZO(A,H)ANTHRACENE							0.1 U							0.1 U		
DIBENZOFURAN							5 U							5 U		
DIETHYL PHTHALATE							5 U							5 U		
DIMETHOATE							5 U							5 U		
DIMETHYL PHTHALATE							5 U							5 U		
DIPHENYLAMINE							5 U							5 U		
DISULFOTON							5 U							5 U		
ETHYL METHANE SULFONATE							5 U							5 U		
ETHYL PARATHION							5 U							5 U		
FAMPHUR A							5 UR							5 UR		
FAMPHUR B							10 UR							10 UR		
FLUORANTHENE							0.1 U							0.1 U		
FLUORENE							0.1 U							0.1 U		
HEXACHLOROBENZENE							5 U							5 U		
HEXACHLOROBUTADIENE							5 U							5 U		
HEXACHLOROCYCLOPENTADIENE							5 U							5 U		
HEXACHLOROETHANE							5 U							5 U		
HEXACHLOROPROPENE							5 U							5 U		
INDENO(1,2,3-CD)PYRENE							0.1 U							0.1 U		
ISODRIN							5 U							5 U		
ISOPHORONE							5 U							5 U		
KEPONE							5 UR							5 UR		
METHAPYRILENE							5 U							5 U		
METHYL METHANE SULFONATE							5 U							5 U		

LOCATION	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C25	03C25	03C25	03C25
NSAMPLE	AC173A03	AC173A03-F	AC174A03	AC174A03-F	AC201A03	AC201A03-F	AC202A03	AC202A03-F	AC203A03	AC203A03-F	AC204A03	AC204A03-F	AC251A03	AC252A03	AC252A03-F	AC253A03
SAMPLE	AC173A03	AC173A03-F	AC174A03	AC174A03-F	AC201A03	AC201A03-F	AC202A03	AC202A03-F	AC203A03	AC203A03-F	AC204A03	AC204A03-F	AC251A03	AC252A03	AC252A03-F	AC253A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/8/2003	9/8/2003	12/22/2003	12/22/2003	3/12/2003	3/12/2003	6/4/2003	6/4/2003	8/25/2003	8/25/2003	11/17/2003	11/17/2003	1/1/2003	5/27/2003	5/27/2003	9/9/2003
METHYL PARATHION							5 U							5 U		
N-NITROSO-DI-N-BUTYLAMINE							5 U							5 U		
N-NITROSO-DI-N-PROPYLAMINE							5 U							5 U		
N-NITROSODIETHYLAMINE							5 U							5 U		
N-NITROSODIMETHYLAMINE							5 U							5 U		
N-NITROSOMETHYLETHYLAMINE							5 U							5 U		
N-NITROSOMORPHOLINE							5 U							5 U		
N-NITROSOPIPERIDINE							5 U							5 U		
N-NITROSOPYRROLIDINE							5 U							5 U		
NAPHTHALENE							0.1 U							0.1 U		
O,O,O-TRIETHYL PHOSPHOROTHIOAT							5 U							5 U		
O-TOLUIDINE							5 U							5 U		
P-(DIMETHYLAMINO)AZOBENZENE							5 U							5 U		
PENTACHLOROBENZENE							5 U							5 U		
PENTACHLOROETHANE							5 U							5 U		
PENTACHLORONITROBENZENE							5 U							5 U		
PENTACHLOROPHENOL							5 U							5 U		
PHENACETIN							5 U							5 U		
PHENANTHRENE							0.1 U							0.1 U		
PHENOL							5 U							5 U		
PHORATE							5 U							5 U		
PRONAMIDE							5 U							5 U		
PYRENE							0.1 U							0.1 U		
PYRIDINE							5 U							5 U		
SAFROLE							5 U							5 U		
THIONAZIN							5 U							5 U		
TRANS-ISOSAFROLE							5 U							5 U		
Pesticides/PCBs (ug/L)																
4,4'-DDD							0.097 U							0.1 U		
4,4'-DDE							0.097 U							0.1 U		
4,4'-DDT							0.097 U							0.1 U		
ALDRIN							0.04899 U							0.05 U		
ALPHA-BHC							0.04899 U							0.05 U		
ALPHA-CHLORDANE							0.04899 U							0.05 U		
BETA-BHC							0.04899 U							0.05 U		
DELTA-BHC							0.04899 U							0.05 U		
DIELDRIN							0.097 U							0.1 U		
ENDOSULFAN I							0.04899 U							0.05 U		
ENDOSULFAN II							0.097 U							0.1 U		
ENDOSULFAN SULFATE							0.097 U							0.1 U		
ENDRIN							0.097 U							0.1 U		
ENDRIN ALDEHYDE							0.097 U							0.1 U		
ENDRIN KETONE							0.097 U							0.1 U		
GAMMA-BHC (LINDANE)							0.04899 U							0.05 U		
GAMMA-CHLORDANE							0.04899 U							0.05 U		
HEPTACHLOR							0.04899 U							0.05 U		
HEPTACHLOR EPOXIDE							0.04899 U							0.05 U		
METHOXYCHLOR							0.49 U							0.5 U		
TOXAPHENE							4.9 U							5 U		
Explosives (ug/L)																

LOCATION	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C25	03C25	03C25	03C25
NSAMPLE	AC173A03	AC173A03-F	AC174A03	AC174A03-F	AC201A03	AC201A03-F	AC202A03	AC202A03-F	AC203A03	AC203A03-F	AC204A03	AC204A03-F	AC251A03	AC252A03	AC252A03-F	AC253A03
SAMPLE	AC173A03	AC173A03-F	AC174A03	AC174A03-F	AC201A03	AC201A03-F	AC202A03	AC202A03-F	AC203A03	AC203A03-F	AC204A03	AC204A03-F	AC251A03	AC252A03	AC252A03-F	AC253A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/8/2003	9/8/2003	12/22/2003	12/22/2003	3/12/2003	3/12/2003	6/4/2003	6/4/2003	8/25/2003	8/25/2003	11/17/2003	11/17/2003	1/1/2003	5/27/2003	5/27/2003	9/9/2003
1,3,5-TRINITROBENZENE	1.5 U		0.56 U		6.3		6.1		5.7 J		8.7			1.1 U		0.31 U
1,3-DINITROBENZENE	1.5 U		0.56 U		0.89999 U		1 U		0.63999 U		0.54 U			1.1 U		0.31 U
2,4,6-TRINITROTOLUENE	1.5 U		0.56 U		0.89999 U		1 U		0.68		0.73			1.1 U		0.31 U
2,4-DINITROTOLUENE	1.5 U		0.56 U		0.89999 U		1 U		0.63999 U		0.54 U			1.1 U		0.31 U
2,6-DINITROTOLUENE	1.5 U		0.56 U		0.89999 U		1 U		0.63999 U		0.54 U			1.1 U		0.31 U
2-AMINO-4,6-DINITROTOLUENE	1.5 U		0.56 U		12		11		10		10			1.1 U		0.31 U
2-NITROTOLUENE	1.5 U		0.56 U		0.89999 U		1 U		0.63999 U		0.54 U			1.1 U		0.31 U
3-NITROTOLUENE	1.5 U		0.56 U		0.89999 U		1 U		0.63999 U		0.54 U			1.1 U		0.31 U
4-AMINO-2,6-DINITROTOLUENE	1.5 U		0.56 U		14		13		12		13			1.1 U		0.31 U
4-NITROTOLUENE	1.5 U		0.56 U		0.89999 U		1 U		0.63999 U		0.54 U			1.1 U		0.31 U
HMX	1.5 U		0.56 U		30		29		26		30			1.1 U		0.31 U
NITROBENZENE	1.5 U		0.56 U		0.89999 U		1 U		0.63999 U		0.54 U			1.1 U		0.31 U
NITROCELLULOSE	1000 U		1000 U		1000 U		1000 U		1000 U		1000 UJ			1000 U		1000 U
NITROGLYCERIN	7.5 U		2.8 U		4.6 U		5.1 U		3.2 U		2.7 U			5.7 U		1.6 U
PETN	3.6 U		1.4 U		2.2 U		2.5 U		1.6 U		1.3 U			2.8 U		0.76999 U
RDX	1.5 U		0.56 U		200		190		180		220			1.1 U		0.31 U
TETRYL	1.5 U		0.56 U		0.89999 U		1 U		0.63999 U		0.54 U			1.1 U		0.31 U
Herbicides (ug/L)																
2,4,5-T							0.07999 UJ							0.07999 UJ		
2,4,5-TP (SILVEX)							0.07999 UJ							0.07999 UJ		
2,4-D							0.07999 UJ							0.07999 UJ		
DINOSEB							0.07999 UJ							0.07999 UJ		
HEXACHLOROPHENE							0.05 UJ							0.05 UJ		
Dioxins/Furans (pg/L)																
1,2,3,4,6,7,8,9-OCDD					5.6 U								5.4 U			
1,2,3,4,6,7,8,9-OCDF					3.9 U								3.7 U			
1,2,3,4,6,7,8-HPCDD					2.9 U								3.5 U			
1,2,3,4,6,7,8-HPCDF					1.6 U								1.8 U			
1,2,3,4,7,8,9-HPCDF					2.1 U								2.4 U			
1,2,3,6,7,8-HXCDD					1.8 U								2.1 U			
1,2,3,6,7,8-HXCDF					1.3 U								1.4 U			
1,2,3,7,8,9-HXCDD					1.9 U								2.2 U			
1,2,3,7,8,9-HXCDF					1.5 U								1.7 U			
1,2,3,7,8-PECDD					2.5 U								2.7 U			
1,2,3,7,8-PECDF					1.4 U								1.6 U			
2,3,4,6,7,8-HXCDF					1.2 U								1.4 U			
2,3,4,7,8-PECDF					1.8 U								2 U			
2,3,7,8-TCDD					2.3 U								2.6 U			
2,3,7,8-TCDF					1.6 U								1.7 U			
TOTAL HPCDD					2.9 U								3.5 U			
TOTAL HPCDF					1.9 U								2 U			
TOTAL HXCDD					1.9 U								2.2 U			
TOTAL HXCDF					1.3 U								1.5 U			
TOTAL PECDD					2.5 U								2.7 U			
TOTAL PECDF					1.6 U								1.8 U			
TOTAL TCDD					2.3 U								2.6 U			
TOTAL TCDF					1.6 U								1.7 U			
Inorganics (ug/L)																
ANTIMONY	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U			1.1 U		1.1 U
ARSENIC	2.2		2.2		1.1 U		1.1 U		1.1 U		1.1 U			1.1 U		1.1 U

LOCATION	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C20	03C25	03C25	03C25	03C25
NSAMPLE	AC173A03	AC173A03-F	AC174A03	AC174A03-F	AC201A03	AC201A03-F	AC202A03	AC202A03-F	AC203A03	AC203A03-F	AC204A03	AC204A03-F	AC251A03	AC252A03	AC252A03-F	AC253A03
SAMPLE	AC173A03	AC173A03-F	AC174A03	AC174A03-F	AC201A03	AC201A03-F	AC202A03	AC202A03-F	AC203A03	AC203A03-F	AC204A03	AC204A03-F	AC251A03	AC252A03	AC252A03-F	AC253A03
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/8/2003	9/8/2003	12/22/2003	12/22/2003	3/12/2003	3/12/2003	6/4/2003	6/4/2003	8/25/2003	8/25/2003	11/17/2003	11/17/2003	1/1/2003	5/27/2003	5/27/2003	9/9/2003
BARIUM	10.6		10.9		30.4		28.6		30.5		31.3			15.4		15.8
BERYLLIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U			1.1 U		1.1 U
CADMIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U			1.1 U		1.1 U
CHROMIUM	5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U			5.6 U		5.6 U
COBALT	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U			3.3 U		3.3 U
COPPER	2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U			2.2 U		2.2 U
LEAD	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U			1.1 U		1.1 U
MERCURY	0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U			0.2 U		0.2 U
NICKEL	11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U			11.1 U		11.1 U
SELENIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U			1.1 U		1.1 U
SILVER	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U			3.3 U		3.3 U
THALLIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U			1.1 U		1.1 U
TIN	11.1 U		11.1 U		11.1 UJ		11.1 U		11.1 U		11.1 U			11.1 U		11.1 U
VANADIUM	2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U			2.2 U		2.2 U
ZINC	11.1 U		11.1 U		11.1 UJ		11.1 U		11.1 U		11.1 U			11.1 U		11.1 U
Dissolved Inorganics (ug/L)																
ANTIMONY		1 U		1 U		1 U		1 U		1 U		1 U			1 U	
ARSENIC		1.5		1.9		1 U		1 U		1 U		1 U			1 U	
BARIUM		9.8		10.5		31		28.4		31.7		31.9			15.4	
BERYLLIUM		1 U		1 U		1 U		1 U		1 U		1 U			1 U	
CADMIUM		1 U		1 U		1 U		1 U		1 U		1 U			1 U	
CALCIUM		196000		195000		87100		85700 J		95700		101000			91500 J	
CHROMIUM		5 U		5 U		5 U		5 U		5 U		5 U			5 U	
COBALT		3 U		3 U		3 U		3 U		3 U		3 U			3 U	
COPPER		2 U		2 U		2 U		2 U		2 U		2 U			2 U	
LEAD		1 U		1 U		1 U		1 U		1 U		1 U			1 U	
MAGNESIUM		189000		181000		33800		30600		33000		34800			53100	
MERCURY		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U			0.2 U	
NICKEL		10 U		10 U		10 U		10 U		10 U		10 U			10 U	
POTASSIUM		2900		3040		1920		2210		2240		2220			2460	
SELENIUM		1 U		1.6		1 U		1 U		1 U		1 U			1 U	
SILVER		3 U		3 U		3 U		3 U		3 U		3 U			3 U	
SODIUM		110000		102000		12100 J		11900		12400		11600			58400	
THALLIUM		1 U		1 U		1 U		1 U		1 U		1 U			1 U	
TIN		10 U		10 U		10 UJ		10 U		10 U		10 U			10 U	
VANADIUM		2 U		2 U		2 U		2 U		2 U		2 U			2 U	
ZINC		10 U		10 U		13.6		188		10 U		10 U			10 U	
Miscellaneous Parameters (mg/L)																
CHLORIDE	3		4		6		6		6		6			2		2
CYANIDE	0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U			0.00999 U		0.00999 U
PHOSPHORUS (ELEMENTAL)	0.1 UJ		0.1 U		0.01999		0.1 U		0.1 U		0.1 U			0.1 U		0.1 UJ
SULFATE	1000		1100		120		120		140 J		120			240		250
SULFIDE							1 U							1 U		
TOTAL ORGANIC CARBON	1 U		1 U		1.2		1 U		1 U		1 U			1 U		1 U
TOTAL ORGANIC HALIDES	0.05 UJ		0.05 U		0.8		1.3		1.4		2			0.05 U		0.05 UJ
Dissolved Miscellaneous Parameters (mg/L)																
PHOSPHORUS (ELEMENTAL)		0.1 UJ		0.1 U		0.01999 U		0.1 U		0.1 U		0.1 U			0.1 U	

LOCATION	03C25	03C25	03C25	03C26	03C26	03C26	03C26	03C26	03C26	03C26	03C26	03C27	03C27	03C27	03C27	03C27
NSAMPLE	AC253A03-F	AC254A03	AC254A03-F	AC261A03	AC261A03-F	AC262A03	AC262A03-F	AC263A03	AC263A03-F	AC264A03	AC264A03-F	AC271A03	AC272A03	AC272A03-F	AC273A03	AC273A03-F
SAMPLE	AC253A03-F	AC254A03	AC254A03-F	AC261A03	AC261A03-F	AC262A03	AC262A03-F	AC263A03	AC263A03-F	AC264A03	AC264A03-F	AC271A03	AC272A03	AC272A03-F	AC273A03	AC273A03-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/9/2003	11/10/2003	11/10/2003	3/3/2003	3/3/2003	5/29/2003	5/29/2003	8/22/2003	8/22/2003	11/20/2003	11/20/2003	1/1/2003	6/2/2003	6/2/2003	9/5/2003	9/5/2003
Volatile Organics (ug/L)																
1,1,1,2-TETRACHLOROETHANE						0.5 U							0.5 U			
1,1,1-TRICHLOROETHANE						0.5 U							0.5 U			
1,1,2,2-TETRACHLOROETHANE						0.3 U							0.3 U			
1,1,2-TRICHLOROETHANE						0.5 U							0.5 U			
1,1-DICHLOROETHANE						0.5 U							0.5 U			
1,1-DICHLOROETHENE		0.5 U		1 U		0.5 U		0.5 U		0.5 U			0.5 U		0.5 U	
1,2,3-TRICHLOROBENZENE						0.5 UJ							0.5 UJ			
1,2,3-TRICHLOROPROPANE						1 U							1 U			
1,2-DIBROMO-3-CHLOROPROPANE						0.5 U							0.5 U			
1,2-DIBROMOETHANE						0.5 U							0.5 U			
1,2-DICHLOROETHANE						0.3 U							0.3 U			
1,2-DICHLOROPROPANE						0.5 U							0.5 U			
1,4-DIOXANE						100 U							100 U			
2,2-DICHLOROPROPANE						0.5 U							0.5 U			
2-BUTANONE						5 UR							5 UR			
2-HEXANONE						5 U							5 U			
3-CHLOROPROPENE						5 U							5 U			
4-METHYL-2-PENTANONE						5 U							5 U			
ACETONE						5 UR							5 UR			
ACETONITRILE						40 U							40 U			
ACROLEIN						5 UR							5 UR			
ACRYLONITRILE						5 UR							5 UR			
BENZENE						0.3 U							0.3 U			
BROMOCHLOROMETHANE						0.5 U							0.5 U			
BROMODICHLOROMETHANE						0.3 U							0.3 U			
BROMOFORM						0.5 U							0.5 U			
BROMOMETHANE						1 U							1 U			
CARBON DISULFIDE						0.5 U							0.5 U			
CARBON TETRACHLORIDE						0.3 U							0.3 U			
CHLOROBENZENE						0.5 U							0.5 U			
CHLORODIBROMOMETHANE						0.5 U							0.5 U			
CHLOROETHANE						0.5 U							0.5 U			
CHLOROFORM						0.3 U							0.3 U			
CHLOROMETHANE						0.5 U							0.5 U			
CHLOROPRENE						5 U							5 U			
CIS-1,2-DICHLOROETHENE		0.5 U		1 U		0.5 U		2.4		0.5 U			0.5 U		0.5 U	
CIS-1,3-DICHLOROPROPENE						0.3 U							0.3 U			
DIBROMOMETHANE						0.5 U							0.5 U			
DICHLORODIFLUOROMETHANE						0.5 U							0.5 U			
ETHYL METHACRYLATE						5 U							5 U			
ETHYLBENZENE						0.5 U							0.5 U			
ISOBUTANOL						40 U							40 U			
METHACRYLONITRILE						5 UR							5 UR			
METHYL IODIDE						5 U							5 U			
METHYL METHACRYLATE						5 U							5 U			
METHYLENE CHLORIDE						1 U							1 U			
PROPIONITRILE						40 U							40 U			
STYRENE						0.5 U							0.5 U			
TETRACHLOROETHENE						0.5 U							0.5 U			

LOCATION	03C25	03C25	03C25	03C26	03C26	03C26	03C26	03C26	03C26	03C26	03C26	03C27	03C27	03C27	03C27	03C27
NSAMPLE	AC253A03-F	AC254A03	AC254A03-F	AC261A03	AC261A03-F	AC262A03	AC262A03-F	AC263A03	AC263A03-F	AC264A03	AC264A03-F	AC271A03	AC272A03	AC272A03-F	AC273A03	AC273A03-F
SAMPLE	AC253A03-F	AC254A03	AC254A03-F	AC261A03	AC261A03-F	AC262A03	AC262A03-F	AC263A03	AC263A03-F	AC264A03	AC264A03-F	AC271A03	AC272A03	AC272A03-F	AC273A03	AC273A03-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/9/2003	11/10/2003	11/10/2003	3/3/2003	3/3/2003	5/29/2003	5/29/2003	8/22/2003	8/22/2003	11/20/2003	11/20/2003	1/1/2003	6/2/2003	6/2/2003	9/5/2003	9/5/2003
TOLUENE						0.5 U							0.5 U			
TOTAL XYLENES						1 U							1 U			
TRANS-1,2-DICHLOROETHENE		0.5 U		1 U		0.5 U		0.5 U		0.5 U			0.5 U		0.5 U	
TRANS-1,3-DICHLOROPROPENE						0.5 U							0.5 U			
TRANS-1,4-DICHLORO-2-BUTENE						5 U							5 U			
TRICHLOROETHENE		0.5 U		17		13		9.3		15			3.5		3.8	
TRICHLOROFLUOROMETHANE						0.5 U							0.5 U			
VINYL ACETATE						5 U							5 U			
VINYL CHLORIDE		0.5 U		1 U		0.5 U		0.5 U		0.5 U			0.5 U		0.5 U	
Semivolatile Organics (ug/L)																
1,2,4,5-TETRACHLOROBENZENE						5 U							5 U			
1,2,4-TRICHLOROBENZENE						5 U							5 U			
1,2-DICHLOROBENZENE						5 U							5 U			
1,3-DICHLOROBENZENE						5 U							5 U			
1,4-DICHLOROBENZENE						5 U							5 U			
1,4-NAPHTHOQUINONE						5 U							5 U			
1,4-PHENYLENEDIAMINE						5 UJ							5 UJ			
1-NAPHTHYLAMINE						5 U							5 U			
2,2'-OXYBIS(1-CHLOROPROPANE)						5 U							5 U			
2,3,4,6-TETRACHLOROPHENOL						5 U							5 U			
2,4,5-TRICHLOROPHENOL						5 U							5 U			
2,4,6-TRICHLOROPHENOL						5 U							5 U			
2,4-DICHLOROPHENOL						5 U							5 U			
2,4-DIMETHYLPHENOL						5 U							5 U			
2,4-DINITROPHENOL						10 U							10 U			
2,6-DICHLOROPHENOL						5 U							5 U			
2-ACETYLAMINOFLUORENE						5 U							5 U			
2-CHLORONAPHTHALENE						5 UJ							5 UJ			
2-CHLOROPHENOL						5 U							5 U			
2-METHYLNAPHTHALENE						0.1 U							0.1 U			
2-METHYLPHENOL						5 U							5 U			
2-NAPHTHYLAMINE						5 U							5 U			
2-NITROANILINE						5 U							5 U			
2-NITROPHENOL						5 U							5 U			
2-PICOLINE						5 U							5 U			
3&4-METHYLPHENOL						5 U							5 U			
3,3'-DICHLOROBENZIDINE						5 U							5 U			
3,3'-DIMETHYLBENZIDINE						5 U							5 U			
3-METHYLCHOLANTHRENE						5 U							5 U			
3-NITROANILINE						5 U							5 U			
4,6-DINITRO-2-METHYLPHENOL						5 U							5 U			
4-AMINOBIPHENYL						5 U							5 U			
4-BROMOPHENYL PHENYL ETHER						5 U							5 U			
4-CHLORO-3-METHYLPHENOL						5 U							5 U			
4-CHLOROANILINE						5 U							5 U			
4-CHLOROPHENYL PHENYL ETHER						5 U							5 U			
4-NITROANILINE						5 U							5 U			
4-NITROPHENOL						5 UJ							5 UJ			
4-NITROQUINOLINE-1-OXIDE						5 U							5 U			
5-NITRO-O-TOLUIDINE						5 U							5 U			

LOCATION	03C25	03C25	03C25	03C26	03C26	03C26	03C26	03C26	03C26	03C26	03C26	03C27	03C27	03C27	03C27	03C27
NSAMPLE	AC253A03-F	AC254A03	AC254A03-F	AC261A03	AC261A03-F	AC262A03	AC262A03-F	AC263A03	AC263A03-F	AC264A03	AC264A03-F	AC271A03	AC272A03	AC272A03-F	AC273A03	AC273A03-F
SAMPLE	AC253A03-F	AC254A03	AC254A03-F	AC261A03	AC261A03-F	AC262A03	AC262A03-F	AC263A03	AC263A03-F	AC264A03	AC264A03-F	AC271A03	AC272A03	AC272A03-F	AC273A03	AC273A03-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/9/2003	11/10/2003	11/10/2003	3/3/2003	3/3/2003	5/29/2003	5/29/2003	8/22/2003	8/22/2003	11/20/2003	11/20/2003	1/1/2003	6/2/2003	6/2/2003	9/5/2003	9/5/2003
7,12-DIMETHYLBENZ(A)ANTHRACENE						5 U							5 U			
A,A-DIMETHYLPHENETHYLAMINE						10 U							10 U			
ACENAPHTHENE						0.1 U							0.1 U			
ACENAPHTHYLENE						0.1 U							0.1 U			
ACETOPHENONE						5 U							5 U			
ANILINE						5 U							5 U			
ANTHRACENE						0.1 U							0.1 U			
ARAMITE A						5 U							5 U			
ARAMITE B						5 U							5 U			
BENZO(A)ANTHRACENE						0.1 U							0.1 U			
BENZO(A)PYRENE						0.1 U							0.1 U			
BENZO(B)FLUORANTHENE						0.1 U							0.1 U			
BENZO(G,H,I)PERYLENE						0.1 U							0.1 U			
BENZO(K)FLUORANTHENE						0.1 U							0.1 U			
BENZYL ALCOHOL						5 U							5 U			
BIS(2-CHLOROETHOXY)METHANE						5 U							5 U			
BIS(2-CHLOROETHYL)ETHER						5 U							5 U			
BIS(2-ETHYLHEXYL)PHTHALATE						5 U							5 U			
BUTYL BENZYL PHTHALATE						5 U							5 U			
CHLOROBENZILATE						5 U							5 U			
CHRYSENE						0.1 U							0.1 U			
CIS-ISOSAFROLE						5 U							5 U			
DI-N-BUTYL PHTHALATE						5 U							5 U			
DI-N-OCTYL PHTHALATE						5 U							5 U			
DIALLATE A						5 U							5 U			
DIALLATE B						5 U							5 U			
DIBENZO(A,H)ANTHRACENE						0.1 U							0.1 U			
DIBENZOFURAN						5 U							5 U			
DIETHYL PHTHALATE						5 U							5 U			
DIMETHOATE						5 U							5 U			
DIMETHYL PHTHALATE						5 U							5 U			
DIPHENYLAMINE						5 U							5 U			
DISULFOTON						5 U							5 U			
ETHYL METHANE SULFONATE						5 U							5 U			
ETHYL PARATHION						5 U							5 U			
FAMPHUR A						5 UR							5 UR			
FAMPHUR B						10 UR							10 UR			
FLUORANTHENE						0.1 U							0.1 U			
FLUORENE						0.1 U							0.1 U			
HEXACHLOROBENZENE						5 U							5 U			
HEXACHLOROBUTADIENE						5 U							5 U			
HEXACHLOROCYCLOPENTADIENE						5 U							5 U			
HEXACHLOROETHANE						5 U							5 U			
HEXACHLOROPROPENE						5 U							5 U			
INDENO(1,2,3-CD)PYRENE						0.1 U							0.1 U			
ISODRIN						5 U							5 U			
ISOPHORONE						5 U							5 U			
KEPONE						5 UR							5 UR			
METHAPYRILENE						5 UJ							5 UJ			
METHYL METHANE SULFONATE						5 U							5 U			

LOCATION	03C25	03C25	03C25	03C26	03C26	03C26	03C26	03C26	03C26	03C26	03C26	03C27	03C27	03C27	03C27	03C27
NSAMPLE	AC253A03-F	AC254A03	AC254A03-F	AC261A03	AC261A03-F	AC262A03	AC262A03-F	AC263A03	AC263A03-F	AC264A03	AC264A03-F	AC271A03	AC272A03	AC272A03-F	AC273A03	AC273A03-F
SAMPLE	AC253A03-F	AC254A03	AC254A03-F	AC261A03	AC261A03-F	AC262A03	AC262A03-F	AC263A03	AC263A03-F	AC264A03	AC264A03-F	AC271A03	AC272A03	AC272A03-F	AC273A03	AC273A03-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/9/2003	11/10/2003	11/10/2003	3/3/2003	3/3/2003	5/29/2003	5/29/2003	8/22/2003	8/22/2003	11/20/2003	11/20/2003	1/1/2003	6/2/2003	6/2/2003	9/5/2003	9/5/2003
METHYL PARATHION						5 U							5 U			
N-NITROSO-DI-N-BUTYLAMINE						5 U							5 U			
N-NITROSO-DI-N-PROPYLAMINE						5 U							5 U			
N-NITROSODIETHYLAMINE						5 U							5 U			
N-NITROSODIMETHYLAMINE						5 U							5 U			
N-NITROSOMETHYLETHYLAMINE						5 U							5 U			
N-NITROSOMORPHOLINE						5 U							5 U			
N-NITROSOPIPERIDINE						5 U							5 U			
N-NITROSOPYRROLIDINE						5 U							5 U			
NAPHTHALENE						0.1 U							0.1 U			
O,O,O-TRIETHYL PHOSPHOROTHIOAT						5 U							5 U			
O-TOLUIDINE						5 U							5 U			
P-(DIMETHYLAMINO)AZOBENZENE						5 U							5 U			
PENTACHLOROBENZENE						5 U							5 U			
PENTACHLOROETHANE						5 U							5 U			
PENTACHLORONITROBENZENE						5 U							5 U			
PENTACHLOROPHENOL						5 U							5 U			
PHENACETIN						5 U							5 U			
PHENANTHRENE						0.1 U							0.1 U			
PHENOL						5 U							5 U			
PHORATE						5 U							5 U			
PRONAMIDE						5 U							5 U			
PYRENE						0.1 U							0.1 U			
PYRIDINE						5 U							5 U			
SAFROLE						5 U							5 U			
THIONAZIN						5 U							5 U			
TRANS-ISOSAFROLE						5 U							5 U			
Pesticides/PCBs (ug/L)																
4,4'-DDD						0.09899 U							0.097 U			
4,4'-DDE						0.09899 U							0.097 U			
4,4'-DDT						0.09899 U							0.097 U			
ALDRIN						0.05 U							0.04899 U			
ALPHA-BHC						0.05 U							0.04899 U			
ALPHA-CHLORDANE						0.05 U							0.04899 U			
BETA-BHC						0.05 U							0.04899 U			
DELTA-BHC						0.05 U							0.04899 U			
DIELDRIN						0.09899 U							0.097 U			
ENDOSULFAN I						0.05 U							0.04899 U			
ENDOSULFAN II						0.09899 U							0.097 U			
ENDOSULFAN SULFATE						0.09899 U							0.097 U			
ENDRIN						0.09899 U							0.097 U			
ENDRIN ALDEHYDE						0.09899 U							0.097 U			
ENDRIN KETONE						0.09899 U							0.097 U			
GAMMA-BHC (LINDANE)						0.05 U							0.04899 U			
GAMMA-CHLORDANE						0.05 U							0.04899 U			
HEPTACHLOR						0.05 U							0.04899 U			
HEPTACHLOR EPOXIDE						0.05 U							0.04899 U			
METHOXYCHLOR						0.5 U							0.49 U			
TOXAPHENE						5 U							4.9 U			
Explosives (ug/L)																

LOCATION	03C25	03C25	03C25	03C26	03C26	03C26	03C26	03C26	03C26	03C26	03C26	03C27	03C27	03C27	03C27	03C27
NSAMPLE	AC253A03-F	AC254A03	AC254A03-F	AC261A03	AC261A03-F	AC262A03	AC262A03-F	AC263A03	AC263A03-F	AC264A03	AC264A03-F	AC271A03	AC272A03	AC272A03-F	AC273A03	AC273A03-F
SAMPLE	AC253A03-F	AC254A03	AC254A03-F	AC261A03	AC261A03-F	AC262A03	AC262A03-F	AC263A03	AC263A03-F	AC264A03	AC264A03-F	AC271A03	AC272A03	AC272A03-F	AC273A03	AC273A03-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/9/2003	11/10/2003	11/10/2003	3/3/2003	3/3/2003	5/29/2003	5/29/2003	8/22/2003	8/22/2003	11/20/2003	11/20/2003	1/1/2003	6/2/2003	6/2/2003	9/5/2003	9/5/2003
1,3,5-TRINITROBENZENE		0.52999 U		0.91 U		0.21999 U		0.70999 U		0.54 U			0.81 U		0.3 U	
1,3-DINITROBENZENE		0.52999 U		0.91 U		0.21999 U		0.70999 U		0.54 U			0.81 U		0.3 U	
2,4,6-TRINITROTOLUENE		0.52999 U		0.91 U		0.21999 U		0.70999 U		0.54 U			0.81 U		0.3 U	
2,4-DINITROTOLUENE		0.52999 U		0.91 U		0.21999 U		0.70999 U		0.54 U			0.81 U		0.3 U	
2,6-DINITROTOLUENE		0.52999 U		0.91 U		0.21999 U		0.70999 U		0.54 U			0.81 U		0.3 U	
2-AMINO-4,6-DINITROTOLUENE		0.52999 U		0.91 U		0.21999 U		0.70999 U		0.54 U			0.81 U		0.3 U	
2-NITROTOLUENE		0.52999 U		0.91 U		0.21999 U		0.70999 U		0.54 U			0.81 U		0.3 U	
3-NITROTOLUENE		0.52999 U		0.91 U		0.21999 U		0.70999 U		0.54 U			0.81 U		0.3 U	
4-AMINO-2,6-DINITROTOLUENE		0.52999 U		0.91 U		0.21999 U		0.70999 U		0.54 U			0.81 U		0.3 U	
4-NITROTOLUENE		0.52999 U		0.91 U		0.21999 U		0.70999 U		0.54 U			0.81 U		0.3 U	
HMX		0.52999 U		0.91 U		0.21999 U		0.70999 U		0.54 U			0.81 U		0.3 U	
NITROBENZENE		0.52999 U		0.91 U		0.21999 U		0.70999 U		0.54 U			0.81 U		0.3 U	
NITROCELLULOSE		1000 U		1000 U		1000 U		1000 U		1000 U			1000 U		1000 U	
NITROGLYCERIN		2.7 U		4.6 U		1.1 U		3.6 U		2.7 U			4.1 U		1.5 U	
PETN		1.3 U		2.2 U		0.54 U		1.8 U		1.3 U			2 U		0.74 U	
RDX		0.52999 U		1.7		0.88999		1.6		1.8			0.81 U		0.3 U	
TETRYL		0.52999 U		0.91 U		0.21999 U		0.70999 U		0.54 U			0.81 U		0.3 U	
Herbicides (ug/L)																
2,4,5-T						0.07999 UJ							0.07999 UJ			
2,4,5-TP (SILVEX)						0.07999 UJ							0.07999 UJ			
2,4-D						0.07999 UJ							0.07999 UJ			
DINOSEB						0.07999 UJ							0.07999 UJ			
HEXACHLOROPHENE						0.05 UJ							0.05 UJ			
Dioxins/Furans (pg/L)																
1,2,3,4,6,7,8,9-OCDD				7 U								5.6 U				
1,2,3,4,6,7,8,9-OCDF				4.9 U								3.9 U				
1,2,3,4,6,7,8-HPCDD				3.4 U								3 U				
1,2,3,4,6,7,8-HPCDF				1.9 U								1.7 U				
1,2,3,4,7,8,9-HPCDF				2.5 U								2.3 U				
1,2,3,6,7,8-HXCDD				2.5 U								2 U				
1,2,3,6,7,8-HXCDF				1.5 U								1.3 U				
1,2,3,7,8,9-HXCDD				2.5 U								2.1 U				
1,2,3,7,8,9-HXCDF				1.8 U								1.6 U				
1,2,3,7,8-PECDD				2.8 U								2.2 U				
1,2,3,7,8-PECDF				1.6 U								1.4 U				
2,3,4,6,7,8-HXCDF				1.5 U								1.3 U				
2,3,4,7,8-PECDF				2.1 U								1.8 U				
2,3,7,8-TCDD				2.2 U								2.2 U				
2,3,7,8-TCDF				1.6 U								1.5 U				
TOTAL HPCDD				3.4 U								3 U				
TOTAL HPCDF				2.2 U								2 U				
TOTAL HXCDD				2.5 U								2.1 U				
TOTAL HXCDF				1.6 U								1.4 U				
TOTAL PECDD				2.8 U								2.2 U				
TOTAL PECDF				1.8 U								1.6 U				
TOTAL TCDD				2.2 U								2.2 U				
TOTAL TCDF				1.6 U								1.5 U				
Inorganics (ug/L)																
ANTIMONY		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U			1.1 U		1.1 U	
ARSENIC		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U			1.1 U		1.1 U	

LOCATION	03C25	03C25	03C25	03C26	03C26	03C26	03C26	03C26	03C26	03C26	03C26	03C27	03C27	03C27	03C27	03C27
NSAMPLE	AC253A03-F	AC254A03	AC254A03-F	AC261A03	AC261A03-F	AC262A03	AC262A03-F	AC263A03	AC263A03-F	AC264A03	AC264A03-F	AC271A03	AC272A03	AC272A03-F	AC273A03	AC273A03-F
SAMPLE	AC253A03-F	AC254A03	AC254A03-F	AC261A03	AC261A03-F	AC262A03	AC262A03-F	AC263A03	AC263A03-F	AC264A03	AC264A03-F	AC271A03	AC272A03	AC272A03-F	AC273A03	AC273A03-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	9/9/2003	11/10/2003	11/10/2003	3/3/2003	3/3/2003	5/29/2003	5/29/2003	8/22/2003	8/22/2003	11/20/2003	11/20/2003	1/1/2003	6/2/2003	6/2/2003	9/5/2003	9/5/2003
BARIUM		16.4		37.9		37.2		37.4		39.5			25.8		26.4	
BERYLLIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U			1.1 U		1.1 U	
CADMIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U			1.1 U		1.1 U	
CHROMIUM		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U			5.6 U		5.6 U	
COBALT		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U			3.3 U		3.3 U	
COPPER		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U			2.2 U		2.2 U	
LEAD		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U			1.1 U		1.1 U	
MERCURY		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U			0.2 U		0.2 U	
NICKEL		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U			11.1 U		11.1 U	
SELENIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U			1.1 U		1.1 U	
SILVER		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U			3.3 U		3.3 U	
THALLIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U			1.1 U		1.1 U	
TIN		11.1 U		11.1 UJ		11.1 U		11.1 U		11.1 U			11.1 U		11.1 U	
VANADIUM		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U			2.2 U		2.2 U	
ZINC		193		11.1 UJ		11.1 U		11.1 U		11.1 U			11.1 U		11.1 U	
Dissolved Inorganics (ug/L)																
ANTIMONY	1.3		1 U		1 U		1 U		1 U		1 U			1 U		1 U
ARSENIC	1 U		1 U		1 U		1 U		1 U		1 U			1 U		1 U
BARIUM	15.4		16.3		38.7		37.7		38.3		40.4			26		28.4
BERYLLIUM	1 U		1 U		1 U		1 U		1 U		1 U			1 U		1 U
CADMIUM	1 U		1 U		1 U		1 U		1 U		1 U			1 U		1 U
CALCIUM	94900		99000		88700		88500 J		95400		104000			47000 J		54300
CHROMIUM	5 U		5 U		5 U		5 U		5 U		5 U			5 U		5 U
COBALT	3 U		3 U		3 U		3 U		3 U		3 U			3 U		3 U
COPPER	2 U		2 U		2 U		2 U		2 U		2 U			2 U		2 U
LEAD	1 U		1 U		1 U		1 U		1 U		1 U			1 U		1 U
MAGNESIUM	57800		55700		52200		48000		52500		53100			2780		3150
MERCURY	0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U			0.2 U		0.2 U
NICKEL	10 U		10 U		10 U		10 U		10 U		10 U			10 U		10 U
POTASSIUM	2430		2620		2030		1910		2450		1830			1050		1180
SELENIUM	1 U		1 U		1 U		1 U		1 U		1 U			1 U		1 U
SILVER	3 U		3 U		3 U		3 U		3 U		3 U			3 U		3 U
SODIUM	72200		71400		14900 J		15200		15200		14000			5510		5240
THALLIUM	1 U		1 U		1 U		1 U		1 U		1 U			1 U		1 U
TIN	10 U		10 U		10 UJ		10 U		10 U		10 U			10 U		10 U
VANADIUM	2 U		2 U		2 U		2 U		2 U		2 U			2 U		2 U
ZINC	10 U		10 U		10 U		10 U		10 U		47.9			10 U		15.1
Miscellaneous Parameters (mg/L)																
CHLORIDE		2		4		3		4		4			3		3	
CYANIDE		0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U			0.00999 U		0.00999 U	
PHOSPHORUS (ELEMENTAL)		0.1 U		0.01999 U		0.1 U		0.1 U		0.1 U			0.1 U		0.1 UJ	
SULFATE		230		100		100		100 J		100			10		10 J	
SULFIDE						1 U							1 U			
TOTAL ORGANIC CARBON		1 U		1 U		1 U		1 U		1 U			1 U		1 U	
TOTAL ORGANIC HALIDES		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U			0.05 U		0.05 UJ	
Dissolved Miscellaneous Parameters (mg/L)																
PHOSPHORUS (ELEMENTAL)	0.1 UJ		0.1 U		0.01999 U		0.1 U		0.1 U		0.1 U			0.1 U		0.1 UJ

LOCATION	03C27	03C27	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A
NSAMPLE	AC274A03	AC274A03-F	AC301A03	AC301A03-F	AC302A03	AC302A03-F	AC303A03	AC303A03-F	AC304A03	AC304A03-F	ASPA1A03	ASPA1A03-F	ASPA2A03	ASPA2A03-F	ASPA3A03	ASPA3A03-F
SAMPLE	AC274A03	AC274A03-F	AC301A03	AC301A03-F	AC302A03	AC302A03-F	AC303A03	AC303A03-F	AC304A03	AC304A03-F	ASPA1A03	ASPA1A03-F	ASPA2A03	ASPA2A03-F	ASPA3A03	ASPA3A03-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/25/2003	11/25/2003	2/27/2003	2/27/2003	6/24/2003	6/24/2003	8/27/2003	8/27/2003	12/11/2003	12/11/2003	3/7/2003	3/7/2003	6/30/2003	6/30/2003	9/9/2003	9/9/2003
Volatile Organics (ug/L)																
1,1,1,2-TETRACHLOROETHANE					0.5 U								0.5 U			
1,1,1-TRICHLOROETHANE					0.5 U								0.5 U			
1,1,2,2-TETRACHLOROETHANE					0.3 U								0.3 U			
1,1,2-TRICHLOROETHANE					0.5 U								0.5 U			
1,1-DICHLOROETHANE					0.5 U								0.5 U			
1,1-DICHLOROETHENE	0.5 U		1 U		0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U	
1,2,3-TRICHLOROBENZENE					0.5 UJ								0.5 UJ			
1,2,3-TRICHLOROPROPANE					1 U								1 U			
1,2-DIBROMO-3-CHLOROPROPANE					0.5 U								0.5 U			
1,2-DIBROMOETHANE					0.5 U								0.5 U			
1,2-DICHLOROETHANE					0.3 U								0.3 U			
1,2-DICHLOROPROPANE					0.5 U								0.5 U			
1,4-DIOXANE					100 U								100 U			
2,2-DICHLOROPROPANE					0.5 U								0.5 U			
2-BUTANONE					5 UR								5 UR			
2-HEXANONE					5 UJ								5 U			
3-CHLOROPROPENE					5 U								5 U			
4-METHYL-2-PENTANONE					5 U								5 U			
ACETONE					5 UR								5 UR			
ACETONITRILE					40 U								40 U			
ACROLEIN					5 UR								5 UR			
ACRYLONITRILE					5 UR								5 UR			
BENZENE					0.3 U								0.3 U			
BROMOCHLOROMETHANE					0.5 U								0.5 U			
BROMODICHLOROMETHANE					0.3 U								0.3 U			
BROMOFORM					0.5 U								0.5 U			
BROMOMETHANE					1 U								1 U			
CARBON DISULFIDE					0.5 U								0.5 U			
CARBON TETRACHLORIDE					0.3 U								0.3 U			
CHLOROBENZENE					0.5 U								0.5 U			
CHLORODIBROMOMETHANE					0.5 U								0.5 U			
CHLOROETHANE					0.5 U								0.5 U			
CHLOROFORM					0.3 U								0.3 U			
CHLOROMETHANE					0.5 U								0.5 U			
CHLOROPRENE					5 U								5 U			
CIS-1,2-DICHLOROETHENE	0.5 U		1 U		0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U	
CIS-1,3-DICHLOROPROPENE					0.3 U								0.3 U			
DIBROMOMETHANE					0.5 U								0.5 U			
DICHLORODIFLUOROMETHANE					0.5 U								0.5 UJ			
ETHYL METHACRYLATE					5 U								5 U			
ETHYLBENZENE					0.5 U								0.5 U			
ISOBUTANOL					40 U								40 U			
METHACRYLONITRILE					5 UR								5 UR			
METHYL IODIDE					5 U								5 U			
METHYL METHACRYLATE					5 U								5 U			
METHYLENE CHLORIDE					1 U								1 U			
PROPIONITRILE					40 U								40 U			
STYRENE					0.5 U								0.5 U			
TETRACHLOROETHENE					0.5 U								0.5 U			

LOCATION	03C27	03C27	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A
NSAMPLE	AC274A03	AC274A03-F	AC301A03	AC301A03-F	AC302A03	AC302A03-F	AC303A03	AC303A03-F	AC304A03	AC304A03-F	ASPA1A03	ASPA1A03-F	ASPA2A03	ASPA2A03-F	ASPA3A03	ASPA3A03-F
SAMPLE	AC274A03	AC274A03-F	AC301A03	AC301A03-F	AC302A03	AC302A03-F	AC303A03	AC303A03-F	AC304A03	AC304A03-F	ASPA1A03	ASPA1A03-F	ASPA2A03	ASPA2A03-F	ASPA3A03	ASPA3A03-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/25/2003	11/25/2003	2/27/2003	2/27/2003	6/24/2003	6/24/2003	8/27/2003	8/27/2003	12/11/2003	12/11/2003	3/7/2003	3/7/2003	6/30/2003	6/30/2003	9/9/2003	9/9/2003
TOLUENE					0.5 U								0.5 U			
TOTAL XYLENES					1 U								1 U			
TRANS-1,2-DICHLOROETHENE	0.5 U		1 U		0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U	
TRANS-1,3-DICHLOROPROPENE					0.5 U								0.5 U			
TRANS-1,4-DICHLORO-2-BUTENE					5 U								5 U			
TRICHLOROETHENE	3.8		1 U		0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U	
TRICHLOROFLUOROMETHANE					0.5 U								0.5 U			
VINYL ACETATE					5 U								5 U			
VINYL CHLORIDE	0.5 U		1 U		0.5 U		0.5 U		0.5 U		1 U		0.5 U		0.5 U	
Semivolatile Organics (ug/L)																
1,2,4,5-TETRACHLOROBENZENE					5 U								5 U			
1,2,4-TRICHLOROBENZENE					5 U								5 U			
1,2-DICHLOROBENZENE					5 U								5 U			
1,3-DICHLOROBENZENE					5 U								5 U			
1,4-DICHLOROBENZENE					5 U								5 U			
1,4-NAPHTHOQUINONE					5 U								5 U			
1,4-PHENYLENEDIAMINE					5 UJ								5 UJ			
1-NAPHTHYLAMINE					5 U								5 U			
2,2'-OXYBIS(1-CHLOROPROPANE)					5 UJ								5 UJ			
2,3,4,6-TETRACHLOROPHENOL					5 U								5 U			
2,4,5-TRICHLOROPHENOL					5 U								5 U			
2,4,6-TRICHLOROPHENOL					5 U								5 U			
2,4-DICHLOROPHENOL					5 U								5 U			
2,4-DIMETHYLPHENOL					5 U								5 U			
2,4-DINITROPHENOL					11 U								10 U			
2,6-DICHLOROPHENOL					5 U								5 U			
2-ACETYLAMINOFLUORENE					5 U								5 U			
2-CHLORONAPHTHALENE					5 U								5 U			
2-CHLOROPHENOL					5 U								5 U			
2-METHYLNAPHTHALENE					0.1 U								0.1 U			
2-METHYLPHENOL					5 U								5 U			
2-NAPHTHYLAMINE					5 U								5 U			
2-NITROANILINE					5 U								5 U			
2-NITROPHENOL					5 U								5 U			
2-PICOLINE					5 U								5 U			
3&4-METHYLPHENOL					5 U								5 U			
3,3'-DICHLOROBENZIDINE					5 U								5 U			
3,3'-DIMETHYLBENZIDINE					5 U								5 U			
3-METHYLCHOLANTHRENE					5 U								5 U			
3-NITROANILINE					5 U								5 U			
4,6-DINITRO-2-METHYLPHENOL					5 UJ								5 UJ			
4-AMINOBIPHENYL					5 U								5 U			
4-BROMOPHENYL PHENYL ETHER					5 U								5 U			
4-CHLORO-3-METHYLPHENOL					5 U								5 U			
4-CHLOROANILINE					5 U								5 U			
4-CHLOROPHENYL PHENYL ETHER					5 U								5 U			
4-NITROANILINE					5 U								5 U			
4-NITROPHENOL					5 U								5 UJ			
4-NITROQUINOLINE-1-OXIDE					5 U								5 U			
5-NITRO-O-TOLUIDINE					5 U								5 U			

LOCATION	03C27	03C27	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A
NSAMPLE	AC274A03	AC274A03-F	AC301A03	AC301A03-F	AC302A03	AC302A03-F	AC303A03	AC303A03-F	AC304A03	AC304A03-F	ASPA1A03	ASPA1A03-F	ASPA2A03	ASPA2A03-F	ASPA3A03	ASPA3A03-F
SAMPLE	AC274A03	AC274A03-F	AC301A03	AC301A03-F	AC302A03	AC302A03-F	AC303A03	AC303A03-F	AC304A03	AC304A03-F	ASPA1A03	ASPA1A03-F	ASPA2A03	ASPA2A03-F	ASPA3A03	ASPA3A03-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/25/2003	11/25/2003	2/27/2003	2/27/2003	6/24/2003	6/24/2003	8/27/2003	8/27/2003	12/11/2003	12/11/2003	3/7/2003	3/7/2003	6/30/2003	6/30/2003	9/9/2003	9/9/2003
7,12-DIMETHYLBENZ(A)ANTHRACENE					5 U								5 U			
A,A-DIMETHYLPHENETHYLAMINE					11 U								10 UJ			
ACENAPHTHENE					0.1 U								0.1 U			
ACENAPHTHYLENE					0.1 U								0.1 U			
ACETOPHENONE					5 U								5 U			
ANILINE					5 U								5 U			
ANTHRACENE					0.1 U								0.1 U			
ARAMITE A					5 U								5 U			
ARAMITE B					5 U								5 U			
BENZO(A)ANTHRACENE					0.1 U								0.1 U			
BENZO(A)PYRENE					0.1 U								0.1 U			
BENZO(B)FLUORANTHENE					0.1 U								0.1 U			
BENZO(G,H,I)PERYLENE					0.1 U								0.1 U			
BENZO(K)FLUORANTHENE					0.1 U								0.1 U			
BENZYL ALCOHOL					5 U								5 U			
BIS(2-CHLOROETHOXY)METHANE					5 U								5 U			
BIS(2-CHLOROETHYL)ETHER					5 U								5 U			
BIS(2-ETHYLHEXYL)PHTHALATE					5 U								5 U			
BUTYL BENZYL PHTHALATE					5 U								5 U			
CHLOROBENZILATE					5 U								5 U			
CHRYSENE					0.1 U								0.1 U			
CIS-ISOSAFROLE					5 U								5 U			
DI-N-BUTYL PHTHALATE					5 U								5 U			
DI-N-OCTYL PHTHALATE					5 U								5 U			
DIALLATE A					5 U								5 U			
DIALLATE B					5 U								5 U			
DIBENZO(A,H)ANTHRACENE					0.1 U								0.1 U			
DIBENZOFURAN					5 U								5 U			
DIETHYL PHTHALATE					5 U								5 U			
DIMETHOATE					5 U								5 U			
DIMETHYL PHTHALATE					5 U								5 U			
DIPHENYLAMINE					5 U								5 U			
DISULFOTON					5 U								5 U			
ETHYL METHANE SULFONATE					5 U								5 U			
ETHYL PARATHION					5 U								5 U			
FAMPHUR A					5 UR								5 UR			
FAMPHUR B					11 UR								10 UR			
FLUORANTHENE					0.1 U								0.1 U			
FLUORENE					0.1 U								0.1 U			
HEXACHLOROBENZENE					5 U								5 U			
HEXACHLOROBUTADIENE					5 U								5 U			
HEXACHLOROCYCLOPENTADIENE					5 U								5 U			
HEXACHLOROETHANE					5 U								5 U			
HEXACHLOROPROPENE					5 U								5 U			
INDENO(1,2,3-CD)PYRENE					0.1 U								0.1 U			
ISODRIN					5 U								5 U			
ISOPHORONE					5 U								5 U			
KEPONE					5 UR								5 UR			
METHAPYRILENE					5 UJ								5 U			
METHYL METHANE SULFONATE					5 U								5 U			

LOCATION	03C27	03C27	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A
NSAMPLE	AC274A03	AC274A03-F	AC301A03	AC301A03-F	AC302A03	AC302A03-F	AC303A03	AC303A03-F	AC304A03	AC304A03-F	ASPA1A03	ASPA1A03-F	ASPA2A03	ASPA2A03-F	ASPA3A03	ASPA3A03-F
SAMPLE	AC274A03	AC274A03-F	AC301A03	AC301A03-F	AC302A03	AC302A03-F	AC303A03	AC303A03-F	AC304A03	AC304A03-F	ASPA1A03	ASPA1A03-F	ASPA2A03	ASPA2A03-F	ASPA3A03	ASPA3A03-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/25/2003	11/25/2003	2/27/2003	2/27/2003	6/24/2003	6/24/2003	8/27/2003	8/27/2003	12/11/2003	12/11/2003	3/7/2003	3/7/2003	6/30/2003	6/30/2003	9/9/2003	9/9/2003
METHYL PARATHION					5 U								5 U			
N-NITROSO-DI-N-BUTYLAMINE					5 U								5 U			
N-NITROSO-DI-N-PROPYLAMINE					5 U								5 U			
N-NITROSODIETHYLAMINE					5 U								5 U			
N-NITROSODIMETHYLAMINE					5 UJ								5 UJ			
N-NITROSOMETHYLETHYLAMINE					5 U								5 U			
N-NITROSOMORPHOLINE					5 U								5 U			
N-NITROSOPIPERIDINE					5 U								5 U			
N-NITROSOPYRROLIDINE					5 U								5 U			
NAPHTHALENE					0.1 U								0.1 U			
O,O,O-TRIETHYL PHOSPHOROTHIOAT					5 U								5 U			
O-TOLUIDINE					5 U								5 U			
P-(DIMETHYLAMINO)AZOBENZENE					5 U								5 U			
PENTACHLOROBENZENE					5 U								5 U			
PENTACHLOROETHANE					5 U								5 U			
PENTACHLORONITROBENZENE					5 U								5 U			
PENTACHLOROPHENOL					5 U								5 U			
PHENACETIN					5 U								5 U			
PHENANTHRENE					0.1 U								0.1 U			
PHENOL					5 U								5 U			
PHORATE					5 U								5 U			
PRONAMIDE					5 U								5 U			
PYRENE					0.1 U								0.1 U			
PYRIDINE					5 UJ								5 U			
SAFROLE					5 U								5 U			
THIONAZIN					5 U								5 U			
TRANS-ISOSAFROLE					5 U								5 U			
Pesticides/PCBs (ug/L)																
4,4'-DDD					0.09899 U								0.09499 UJ			
4,4'-DDE					0.09899 U								0.09499 UJ			
4,4'-DDT					0.09899 U								0.09499 UJ			
ALDRIN					0.05 U								0.048 UJ			
ALPHA-BHC					0.05 U								0.048 UJ			
ALPHA-CHLORDANE					0.05 U								0.048 UJ			
BETA-BHC					0.05 UJ								0.048 UJ			
DELTA-BHC					0.05 U								0.048 UJ			
DIELDRIN					0.09899 U								0.09499 UJ			
ENDOSULFAN I					0.05 U								0.048 UJ			
ENDOSULFAN II					0.09899 U								0.09499 UJ			
ENDOSULFAN SULFATE					0.09899 U								0.09499 UJ			
ENDRIN					0.09899 U								0.09499 UJ			
ENDRIN ALDEHYDE					0.09899 U								0.09499 UJ			
ENDRIN KETONE					0.09899 U								0.09499 UJ			
GAMMA-BHC (LINDANE)					0.05 U								0.048 UJ			
GAMMA-CHLORDANE					0.05 U								0.048 UJ			
HEPTACHLOR					0.05 U								0.048 UJ			
HEPTACHLOR EPOXIDE					0.05 U								0.048 UJ			
METHOXYCHLOR					0.5 U								0.47999 UJ			
TOXAPHENE					5 U								4.8 UJ			
Explosives (ug/L)																

LOCATION	03C27	03C27	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A
NSAMPLE	AC274A03	AC274A03-F	AC301A03	AC301A03-F	AC302A03	AC302A03-F	AC303A03	AC303A03-F	AC304A03	AC304A03-F	ASPA1A03	ASPA1A03-F	ASPA2A03	ASPA2A03-F	ASPA3A03	ASPA3A03-F
SAMPLE	AC274A03	AC274A03-F	AC301A03	AC301A03-F	AC302A03	AC302A03-F	AC303A03	AC303A03-F	AC304A03	AC304A03-F	ASPA1A03	ASPA1A03-F	ASPA2A03	ASPA2A03-F	ASPA3A03	ASPA3A03-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/25/2003	11/25/2003	2/27/2003	2/27/2003	6/24/2003	6/24/2003	8/27/2003	8/27/2003	12/11/2003	12/11/2003	3/7/2003	3/7/2003	6/30/2003	6/30/2003	9/9/2003	9/9/2003
1,3,5-TRINITROBENZENE	0.52999 U		1.1 U		0.76999 U		1.2 U		0.56 U		0.43999 U		1.2 U		0.68 U	
1,3-DINITROBENZENE	0.52999 U		1.1 U		0.76999 U		1.2 U		0.56 U		0.43999 U		1.2 U		0.68 U	
2,4,6-TRINITROTOLUENE	0.52999 U		1.1 U		0.76999 U		1.2 U		0.56 U		0.43999 U		3		3	
2,4-DINITROTOLUENE	0.52999 U		1.1 U		0.76999 U		1.2 U		0.56 U		0.43999 U		1.2 U		0.68 U	
2,6-DINITROTOLUENE	0.52999 U		1.1 U		0.76999 U		1.2 U		0.56 U		0.43999 U		1.2 U		0.68 U	
2-AMINO-4,6-DINITROTOLUENE	0.52999 U		1.1 U		0.76999 U		1.2 U		0.56 U		0.43999 U		1.2		1.7	
2-NITROTOLUENE	0.52999 U		1.1 U		0.76999 U		1.2 U		0.56 U		0.43999 U		1.2 U		0.68 U	
3-NITROTOLUENE	0.52999 U		1.1 U		0.76999 U		1.2 U		0.56 U		0.43999 U		1.2 U		0.68 U	
4-AMINO-2,6-DINITROTOLUENE	0.52999 U		1.1 U		0.76999 U		1.2 U		0.56 U		0.43999 U		2.8		3.7	
4-NITROTOLUENE	0.52999 U		1.1 U		0.76999 U		1.2 U		0.56 U		0.43999 U		1.2 U		0.68 U	
HMX	0.52999 U		1.1 U		0.76999 U		1.2 U		0.56 U		2		19		24	
NITROBENZENE	0.52999 U		1.1 U		0.76999 U		1.2 U		0.56 U		0.43999 U		1.2 U		0.68 U	
NITROCELLULOSE	1000 U		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U		1000 U	
NITROGLYCERIN	2.7 U		5.7 U		3.9 U		5.9 U		2.8 U		2.2 U		6 U		6.2	
PETN	1.3 U		2.8 U		1.9 U		2.8 U		1.4 U		1.1 U		2.9 U		1.7 U	
RDX	0.52999 U		1.1 U		0.76999 U		1.2 U		0.56 U		1.6		50		66	
TETRYL	0.52999 U		1.1 U		0.76999 U		1.2 U		0.56 U		0.43999 U		1.2 U		0.68 U	
Herbicides (ug/L)																
2,4,5-T					0.07999 U								0.07999 U			
2,4,5-TP (SILVEX)					0.07999 U								0.07999 U			
2,4-D					0.07999 U								0.07999 U			
DINOSEB					0.07999 U								0.07999 U			
HEXACHLOROPHENE					0.05 U								0.05 U			
Dioxins/Furans (pg/L)																
1,2,3,4,6,7,8,9-OCDD			16.6 U								31.5 J					
1,2,3,4,6,7,8,9-OCDF			12.3 U								6.8 U					
1,2,3,4,6,7,8-HPCDD			8.4 U								5 U					
1,2,3,4,6,7,8-HPCDF			4.8 U								3 U					
1,2,3,4,7,8,9-HPCDF			6.3 U								3.9 U					
1,2,3,6,7,8-HXCDD			5.2 U								3.5 U					
1,2,3,6,7,8-HXCDF			3.2 U								2.1 U					
1,2,3,7,8,9-HXCDD			5.4 U								3.6 U					
1,2,3,7,8,9-HXCDF			4.1 U								2.6 U					
1,2,3,7,8-PECDD			6.3 U								4.5 U					
1,2,3,7,8-PECDF			3 U								1.9 U					
2,3,4,6,7,8-HXCDF			3.3 U								2.1 U					
2,3,4,7,8-PECDF			3.6 U								2.3 U					
2,3,7,8-TCDD			4.9 U								3.3 U					
2,3,7,8-TCDF			4.4 U								2.5 U					
TOTAL HPCDD			8.4 U								5 U					
TOTAL HPCDF			5.5 U								3.4 U					
TOTAL HXCDD			5.4 U								3.6 U					
TOTAL HXCDF			3.4 U								2.2 U					
TOTAL PECDD			6.3 U								4.5 U					
TOTAL PECDF			3.3 U								2.1 U					
TOTAL TCDD			4.9 U								3.3 U					
TOTAL TCDF			4.4 U								2.5 U					
Inorganics (ug/L)																
ANTIMONY	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
ARSENIC	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	

LOCATION	03C27	03C27	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A
NSAMPLE	AC274A03	AC274A03-F	AC301A03	AC301A03-F	AC302A03	AC302A03-F	AC303A03	AC303A03-F	AC304A03	AC304A03-F	ASPA1A03	ASPA1A03-F	ASPA2A03	ASPA2A03-F	ASPA3A03	ASPA3A03-F
SAMPLE	AC274A03	AC274A03-F	AC301A03	AC301A03-F	AC302A03	AC302A03-F	AC303A03	AC303A03-F	AC304A03	AC304A03-F	ASPA1A03	ASPA1A03-F	ASPA2A03	ASPA2A03-F	ASPA3A03	ASPA3A03-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	11/25/2003	11/25/2003	2/27/2003	2/27/2003	6/24/2003	6/24/2003	8/27/2003	8/27/2003	12/11/2003	12/11/2003	3/7/2003	3/7/2003	6/30/2003	6/30/2003	9/9/2003	9/9/2003
BARIUM	31.7		53.2		39.5		44.9		56.8		37.9		106		134	
BERYLLIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
CADMIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
CHROMIUM	5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U	
COBALT	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U	
COPPER	2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U	
LEAD	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
MERCURY	0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U	
NICKEL	11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U	
SELENIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
SILVER	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U	
THALLIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	
TIN	11.1 U		11.1 UJ		11.1 U		11.1 U		11.1 U		11.1 UJ		11.1 U		11.1 U	
VANADIUM	2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U	
ZINC	11.1 U		11.1 UJ		11.1 U		11.1 U		11.1 U		11.1 UJ		11.1 U		11.1 U	
Dissolved Inorganics (ug/L)																
ANTIMONY		1 U		1 U		1 U		1 U		1 U		1 U		1 U		1.6
ARSENIC		1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U
BARIUM		33.4		49.4		46		34.9		36.5		38		109		142
BERYLLIUM		1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U
CADMIUM		1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U
CALCIUM		60100		63400		56600 J		35500		32800		11700		44200 J		61200
CHROMIUM		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U
COBALT		3 U		3 U		3 U		3 U		3 U		3 U		3 U		3 U
COPPER		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U
LEAD		1 U		1 U		1 U		1 U		1 U		1 U		12.1		1 U
MAGNESIUM		3140		37300		31200		26000		28000		3570		10700		16300
MERCURY		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U
NICKEL		10 U		10 U		10 U		10 U		10 U		10 U		10 U		10 U
POTASSIUM		1220		2170		2230		2220		2670		1000 U		2220		3590
SELENIUM		1 U		1 U		1 U		4		1 U		1 U		1 U		1 U
SILVER		3 U		3 U		3 U		3 U		3 U		3 U		3 U		3 U
SODIUM		5490		63100 J		57800		87800		86500		2840 J		6780		10900
THALLIUM		1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U
TIN		10 U		10 UJ		10 U		10 U		10 U		10 UJ		10 U		10 U
VANADIUM		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U
ZINC		10 U		10 U		10 U		10 U		10 U		10 U		123		10 U
Miscellaneous Parameters (mg/L)																
CHLORIDE	3		2		2		2		2		4		8		12	
CYANIDE	0.00999 U		0.00999 U		0.00999 U		0.00999 UJ		0.00999 UJ		0.00999 U		0.00999 U		0.00999 U	
PHOSPHORUS (ELEMENTAL)	0.1 U		0.01999 U		0.1 U		0.1 U		0.1 U		0.01999		0.1 U		0.1 UJ	
SULFATE	10		130		130		120		130		24		43		58	
SULFIDE					1 U								1 U			
TOTAL ORGANIC CARBON	1 U		1 U		1 U		1 U		1 U		1.4		1 U		1.1	
TOTAL ORGANIC HALIDES	0.05 U		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U		0.05 UJ	
Dissolved Miscellaneous Parameters (mg/L)																
PHOSPHORUS (ELEMENTAL)		0.1 U		0.01999 U		0.1 U		0.1 U		0.1 U		0.01999		0.1 U		0.1 UJ

LOCATION	03-SPR-A	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPA4A03	ASPA4A03-F	ASPC1A03	ASPC1A03-F	ASPC2A03	ASPC2A03-F	ASPC3A03	ASPC3A03-F	ASPC4A03	ASPC4A03-D	ASPC4A03-F	ASPC4A03-F-D
SAMPLE	ASPA4A03	ASPA4A03-F	ASPC1A03	ASPC1A03-F	ASPC2A03	ASPC2A03-F	ASPC3A03	ASPC3A03-F	ASPC4A03	FD12180301	ASPC4A03-F	FD12180301-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/17/2003	12/17/2003	3/10/2003	3/10/2003	6/26/2003	6/26/2003	9/9/2003	9/9/2003	12/18/2003	12/18/2003	12/18/2003	12/18/2003
Volatile Organics (ug/L)												
1,1,1,2-TETRACHLOROETHANE					0.5 U							
1,1,1-TRICHLOROETHANE					0.5 U							
1,1,2,2-TETRACHLOROETHANE					0.3 U							
1,1,2-TRICHLOROETHANE					0.5 U							
1,1-DICHLOROETHANE					0.5 U							
1,1-DICHLOROETHENE	0.5 U		1 U		0.5 U		0.5 U		0.5 U	0.5 U		
1,2,3-TRICHLOROBENZENE					0.5 UJ							
1,2,3-TRICHLOROPROPANE					1 U							
1,2-DIBROMO-3-CHLOROPROPANE					0.5 U							
1,2-DIBROMOETHANE					0.5 U							
1,2-DICHLOROETHANE					0.3 U							
1,2-DICHLOROPROPANE					0.5 U							
1,4-DIOXANE					100 U							
2,2-DICHLOROPROPANE					0.5 U							
2-BUTANONE					5 UR							
2-HEXANONE					5 U							
3-CHLOROPROPENE					5 U							
4-METHYL-2-PENTANONE					5 U							
ACETONE					5 UR							
ACETONITRILE					40 U							
ACROLEIN					5 UR							
ACRYLONITRILE					5 UR							
BENZENE					0.3 U							
BROMOCHLOROMETHANE					0.5 U							
BROMODICHLOROMETHANE					0.3 U							
BROMOFORM					0.5 U							
BROMOMETHANE					1 U							
CARBON DISULFIDE					0.5 U							
CARBON TETRACHLORIDE					0.3 U							
CHLOROBENZENE					0.5 U							
CHLORODIBROMOMETHANE					0.5 U							
CHLOROETHANE					0.5 U							
CHLOROFORM					0.3 U							
CHLOROMETHANE					0.5 U							
CHLOROPRENE					5 U							
CIS-1,2-DICHLOROETHENE	0.5 U		1 U		0.5 U		0.5 U		0.5 U	0.5 U		
CIS-1,3-DICHLOROPROPENE					0.3 U							
DIBROMOMETHANE					0.5 U							
DICHLORODIFLUOROMETHANE					0.5 UJ							
ETHYL METHACRYLATE					5 U							
ETHYLBENZENE					0.5 U							
ISOBUTANOL					40 U							
METHACRYLONITRILE					5 UR							
METHYL IODIDE					5 U							
METHYL METHACRYLATE					5 U							
METHYLENE CHLORIDE					1 U							
PROPIONITRILE					40 U							
STYRENE					0.5 U							
TETRACHLOROETHENE					0.5 U							

LOCATION	03-SPR-A	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPA4A03	ASPA4A03-F	ASPC1A03	ASPC1A03-F	ASPC2A03	ASPC2A03-F	ASPC3A03	ASPC3A03-F	ASPC4A03	ASPC4A03-D	ASPC4A03-F	ASPC4A03-F-D
SAMPLE	ASPA4A03	ASPA4A03-F	ASPC1A03	ASPC1A03-F	ASPC2A03	ASPC2A03-F	ASPC3A03	ASPC3A03-F	ASPC4A03	FD12180301	ASPC4A03-F	FD12180301-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/17/2003	12/17/2003	3/10/2003	3/10/2003	6/26/2003	6/26/2003	9/9/2003	9/9/2003	12/18/2003	12/18/2003	12/18/2003	12/18/2003
TOLUENE					0.5 U							
TOTAL XYLENES					1 U							
TRANS-1,2-DICHLOROETHENE	0.5 U		1 U		0.5 U		0.5 U		0.5 U	0.5 U		
TRANS-1,3-DICHLOROPROPENE					0.5 U							
TRANS-1,4-DICHLORO-2-BUTENE					5 U							
TRICHLOROETHENE	0.5 U		1 U		0.5 U		0.5 U		0.5 U	0.5 U		
TRICHLOROFLUOROMETHANE					0.5 U							
VINYL ACETATE					5 U							
VINYL CHLORIDE	0.5 U		1 U		0.5 U		0.5 U		0.5 U	0.5 U		
Semivolatile Organics (ug/L)												
1,2,4,5-TETRACHLOROBENZENE					5 U							
1,2,4-TRICHLOROBENZENE					5 U							
1,2-DICHLOROBENZENE					5 U							
1,3-DICHLOROBENZENE					5 U							
1,4-DICHLOROBENZENE					5 U							
1,4-NAPHTHOQUINONE					5 U							
1,4-PHENYLENEDIAMINE					5 UJ							
1-NAPHTHYLAMINE					5 U							
2,2'-OXYBIS(1-CHLOROPROPANE)					5 UJ							
2,3,4,6-TETRACHLOROPHENOL					5 U							
2,4,5-TRICHLOROPHENOL					5 U							
2,4,6-TRICHLOROPHENOL					5 U							
2,4-DICHLOROPHENOL					5 U							
2,4-DIMETHYLPHENOL					5 U							
2,4-DINITROPHENOL					11 U							
2,6-DICHLOROPHENOL					5 U							
2-ACETYLAMINOFLUORENE					5 U							
2-CHLORONAPHTHALENE					5 U							
2-CHLOROPHENOL					5 U							
2-METHYLNAPHTHALENE					0.1 U							
2-METHYLPHENOL					5 U							
2-NAPHTHYLAMINE					5 U							
2-NITROANILINE					5 U							
2-NITROPHENOL					5 U							
2-PICOLINE					5 U							
3&4-METHYLPHENOL					5 U							
3,3'-DICHLOROBENZIDINE					5 U							
3,3'-DIMETHYLBENZIDINE					5 U							
3-METHYLCHOLANTHRENE					5 U							
3-NITROANILINE					5 U							
4,6-DINITRO-2-METHYLPHENOL					5 UJ							
4-AMINOBIPHENYL					5 U							
4-BROMOPHENYL PHENYL ETHER					5 U							
4-CHLORO-3-METHYLPHENOL					5 U							
4-CHLOROANILINE					5 U							
4-CHLOROPHENYL PHENYL ETHER					5 U							
4-NITROANILINE					5 U							
4-NITROPHENOL					5 U							
4-NITROQUINOLINE-1-OXIDE					5 U							
5-NITRO-O-TOLUIDINE					5 U							

LOCATION	03-SPR-A	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPA4A03	ASPA4A03-F	ASPC1A03	ASPC1A03-F	ASPC2A03	ASPC2A03-F	ASPC3A03	ASPC3A03-F	ASPC4A03	ASPC4A03-D	ASPC4A03-F	ASPC4A03-F-D
SAMPLE	ASPA4A03	ASPA4A03-F	ASPC1A03	ASPC1A03-F	ASPC2A03	ASPC2A03-F	ASPC3A03	ASPC3A03-F	ASPC4A03	FD12180301	ASPC4A03-F	FD12180301-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/17/2003	12/17/2003	3/10/2003	3/10/2003	6/26/2003	6/26/2003	9/9/2003	9/9/2003	12/18/2003	12/18/2003	12/18/2003	12/18/2003
7,12-DIMETHYLBENZ(A)ANTHRACENE					5 U							
A,A-DIMETHYLPHENETHYLAMINE					11 U							
ACENAPHTHENE					0.1 U							
ACENAPHTHYLENE					0.1 U							
ACETOPHENONE					5 U							
ANILINE					5 U							
ANTHRACENE					0.1 U							
ARAMITE A					5 U							
ARAMITE B					5 U							
BENZO(A)ANTHRACENE					0.1 U							
BENZO(A)PYRENE					0.1 U							
BENZO(B)FLUORANTHENE					0.1 U							
BENZO(G,H,I)PERYLENE					0.1 U							
BENZO(K)FLUORANTHENE					0.1 U							
BENZYL ALCOHOL					5 U							
BIS(2-CHLOROETHOXY)METHANE					5 U							
BIS(2-CHLOROETHYL)ETHER					5 U							
BIS(2-ETHYLHEXYL)PHTHALATE					5 U							
BUTYL BENZYL PHTHALATE					5 U							
CHLOROBENZILATE					5 U							
CHRYSENE					0.1 U							
CIS-ISOSAFROLE					5 U							
DI-N-BUTYL PHTHALATE					5 U							
DI-N-OCTYL PHTHALATE					5 U							
DIALLATE A					5 U							
DIALLATE B					5 U							
DIBENZO(A,H)ANTHRACENE					0.1 U							
DIBENZOFURAN					5 U							
DIETHYL PHTHALATE					5 U							
DIMETHOATE					5 U							
DIMETHYL PHTHALATE					5 U							
DIPHENYLAMINE					5 U							
DISULFOTON					5 U							
ETHYL METHANE SULFONATE					5 U							
ETHYL PARATHION					5 U							
FAMPHUR A					5 UR							
FAMPHUR B					11 UR							
FLUORANTHENE					0.1 U							
FLUORENE					0.1 U							
HEXACHLOROBENZENE					5 U							
HEXACHLOROBUTADIENE					5 U							
HEXACHLOROCYCLOPENTADIENE					5 U							
HEXACHLOROETHANE					5 U							
HEXACHLOROPROPENE					5 U							
INDENO(1,2,3-CD)PYRENE					0.1 U							
ISODRIN					5 U							
ISOPHORONE					5 U							
KEPONE					5 UR							
METHAPYRILENE					5 UJ							
METHYL METHANE SULFONATE					5 U							

LOCATION	03-SPR-A	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPA4A03	ASPA4A03-F	ASPC1A03	ASPC1A03-F	ASPC2A03	ASPC2A03-F	ASPC3A03	ASPC3A03-F	ASPC4A03	ASPC4A03-D	ASPC4A03-F	ASPC4A03-F-D
SAMPLE	ASPA4A03	ASPA4A03-F	ASPC1A03	ASPC1A03-F	ASPC2A03	ASPC2A03-F	ASPC3A03	ASPC3A03-F	ASPC4A03	FD12180301	ASPC4A03-F	FD12180301-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/17/2003	12/17/2003	3/10/2003	3/10/2003	6/26/2003	6/26/2003	9/9/2003	9/9/2003	12/18/2003	12/18/2003	12/18/2003	12/18/2003
METHYL PARATHION					5 U							
N-NITROSO-DI-N-BUTYLAMINE					5 U							
N-NITROSO-DI-N-PROPYLAMINE					5 U							
N-NITROSODIETHYLAMINE					5 U							
N-NITROSODIMETHYLAMINE					5 UJ							
N-NITROSOMETHYLETHYLAMINE					5 U							
N-NITROSOMORPHOLINE					5 U							
N-NITROSOPIPERIDINE					5 U							
N-NITROSOPYRROLIDINE					5 U							
NAPHTHALENE					0.1 U							
O,O,O-TRIETHYL PHOSPHOROTHIOAT					5 U							
O-TOLUIDINE					5 U							
P-(DIMETHYLAMINO)AZOBENZENE					5 U							
PENTACHLOROBENZENE					5 U							
PENTACHLOROETHANE					5 U							
PENTACHLORONITROBENZENE					5 U							
PENTACHLOROPHENOL					5 U							
PHENACETIN					5 U							
PHENANTHRENE					0.1 U							
PHENOL					5 U							
PHORATE					5 U							
PRONAMIDE					5 U							
PYRENE					0.1 U							
PYRIDINE					5 UJ							
SAFROLE					5 U							
THIONAZIN					5 U							
TRANS-ISOSAFROLE					5 U							
Pesticides/PCBs (ug/L)												
4,4'-DDD					0.1 U							
4,4'-DDE					0.1 U							
4,4'-DDT					0.1 U							
ALDRIN					0.052 U							
ALPHA-BHC					0.052 U							
ALPHA-CHLORDANE					0.052 U							
BETA-BHC					0.052 U							
DELTA-BHC					0.052 UJ							
DIELDRIN					0.1 U							
ENDOSULFAN I					0.052 U							
ENDOSULFAN II					0.1 U							
ENDOSULFAN SULFATE					0.1 U							
ENDRIN					0.1 U							
ENDRIN ALDEHYDE					0.1 U							
ENDRIN KETONE					0.1 U							
GAMMA-BHC (LINDANE)					0.052 U							
GAMMA-CHLORDANE					0.052 U							
HEPTACHLOR					0.052 U							
HEPTACHLOR EPOXIDE					0.052 U							
METHOXYCHLOR					0.51999 U							
TOXAPHENE					5.2 U							
Explosives (ug/L)												

LOCATION	03-SPR-A	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPA4A03	ASPA4A03-F	ASPC1A03	ASPC1A03-F	ASPC2A03	ASPC2A03-F	ASPC3A03	ASPC3A03-F	ASPC4A03	ASPC4A03-D	ASPC4A03-F	ASPC4A03-F-D
SAMPLE	ASPA4A03	ASPA4A03-F	ASPC1A03	ASPC1A03-F	ASPC2A03	ASPC2A03-F	ASPC3A03	ASPC3A03-F	ASPC4A03	FD12180301	ASPC4A03-F	FD12180301-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/17/2003	12/17/2003	3/10/2003	3/10/2003	6/26/2003	6/26/2003	9/9/2003	9/9/2003	12/18/2003	12/18/2003	12/18/2003	12/18/2003
1,3,5-TRINITROBENZENE	0.52999 U		1.2 U		1.4 U		0.91 U		0.5 U	0.5 U		
1,3-DINITROBENZENE	0.52999 U		1.2 U		1.4 U		0.91 U		0.5 U	0.5 U		
2,4,6-TRINITROTOLUENE	0.52999 U		1.2 U		1.4 U		0.91 U		0.5 U	0.5 U		
2,4-DINITROTOLUENE	0.52999 U		1.2 U		1.4 U		0.91 U		0.5 U	0.5 U		
2,6-DINITROTOLUENE	0.52999 U		1.2 U		1.4 U		0.91 U		0.5 U	0.5 U		
2-AMINO-4,6-DINITROTOLUENE	0.52999 U		1.2 U		1.4 U		0.91 U		0.5 U	0.5 U		
2-NITROTOLUENE	0.52999 U		1.2 U		1.4 U		0.91 U		0.5 U	0.5 U		
3-NITROTOLUENE	0.52999 U		1.2 U		1.4 U		0.91 U		0.5 U	0.5 U		
4-AMINO-2,6-DINITROTOLUENE	0.52999 U		1.2 U		1.4 U		0.91 U		0.5 U	0.5 U		
4-NITROTOLUENE	0.52999 U		1.2 U		1.4 U		0.91 U		0.5 U	0.5 U		
HMX	2.2		1.2 U		1.6		2.3		1.1	0.89999		
NITROBENZENE	0.52999 U		1.2 U		1.4 U		0.91 U		0.5 U	0.5 U		
NITROCELLULOSE	1000 U		1400		1000 U		1000 U		1000 U	1000 U		
NITROGLYCERIN	2.7 U		6.1 U		7.3 U		4.6 U		2.5 U	2.5 U		
PETN	1.3 U		3 U		3.5 U		2.2 U		1.2 U	1.2 U		
RDX	2.5		1.7		3.6		6.4		2.9	2.5		
TETRYL	0.52999 U		1.2 U		1.4 U		0.91 U		0.5 U	0.5 U		
Herbicides (ug/L)												
2,4,5-T					0.07999 U							
2,4,5-TP (SILVEX)					0.07999 U							
2,4-D					0.07999 U							
DINOSEB					0.07999 U							
HEXACHLOROPHENE					0.05 U							
Dioxins/Furans (pg/L)												
1,2,3,4,6,7,8,9-OCDD			32.2 U									
1,2,3,4,6,7,8,9-OCDF			23.8 U									
1,2,3,4,6,7,8-HPCDD			12.8 U									
1,2,3,4,6,7,8-HPCDF			6.5 U									
1,2,3,4,7,8,9-HPCDF			8.5 U									
1,2,3,6,7,8-HXCDD			6.5 U									
1,2,3,6,7,8-HXCDF			4 U									
1,2,3,7,8,9-HXCDD			6.7 U									
1,2,3,7,8,9-HXCDF			5.1 U									
1,2,3,7,8-PECDD			9.4 U									
1,2,3,7,8-PECDF			3.5 U									
2,3,4,6,7,8-HXCDF			4.1 U									
2,3,4,7,8-PECDF			4.3 U									
2,3,7,8-TCDD			6 U									
2,3,7,8-TCDF			4.8 U									
TOTAL HPCDD			12.8 U									
TOTAL HPCDF			7.4 U									
TOTAL HXCDD			6.7 U									
TOTAL HXCDF			4.2 U									
TOTAL PECDD			9.4 U									
TOTAL PECDF			3.9 U									
TOTAL TCDD			6 U									
TOTAL TCDF			4.8 U									
Inorganics (ug/L)												
ANTIMONY	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U		
ARSENIC	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U		

LOCATION	03-SPR-A	03-SPR-A	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPA4A03	ASPA4A03-F	ASPC1A03	ASPC1A03-F	ASPC2A03	ASPC2A03-F	ASPC3A03	ASPC3A03-F	ASPC4A03	ASPC4A03-D	ASPC4A03-F	ASPC4A03-F-D
SAMPLE	ASPA4A03	ASPA4A03-F	ASPC1A03	ASPC1A03-F	ASPC2A03	ASPC2A03-F	ASPC3A03	ASPC3A03-F	ASPC4A03	FD12180301	ASPC4A03-F	FD12180301-F
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	12/17/2003	12/17/2003	3/10/2003	3/10/2003	6/26/2003	6/26/2003	9/9/2003	9/9/2003	12/18/2003	12/18/2003	12/18/2003	12/18/2003
BARIUM	51.3		29.2		60.2		60.7		36.2	34.9		
BERYLLIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U		
CADMIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U		
CHROMIUM	5.6 U		5.6 U		5.6 U		5.6 U		5.6 U	5.6 U		
COBALT	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U	3.3 U		
COPPER	2.2 U		2.2 U		2.2 U		2.2 U		2.7	2.2 U		
LEAD	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U		
MERCURY	0.2 U		0.2 U		0.2 U		0.2 U		0.2 U	0.2 U		
NICKEL	11.1 U		11.1 U		11.1 U		11.1 U		11.1 U	11.1 U		
SELENIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U		
SILVER	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U	3.3 U		
THALLIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U	1.1 U		
TIN	11.1 U		11.1 UJ		11.1 U		11.1 U		11.1 U	11.1 U		
VANADIUM	2.2 U		2.2 U		2.2 U		2.2 U		2.2 U	2.2 U		
ZINC	11.1 U		11.1 UJ		11.1 U		11.1 U		11.1 U	11.1 U		
Dissolved Inorganics (ug/L)												
ANTIMONY		1 U		1 U		1 U		1 U			1 U	1 U
ARSENIC		1 U		1 U		1 U		1 U			1 U	1 U
BARIUM		50.9		29.5		61.1		63.3			35.4	34.6
BERYLLIUM		1 U		1 U		1 U		1 U			1 U	1 U
CADMIUM		1 U		1 U		1 U		1 U			1 U	1 U
CALCIUM		17900		12800		40800 J		53500			18900	18700
CHROMIUM		5 U		5 U		5 U		5 U			5 U	5 U
COBALT		3 U		3 U		3 U		3 U			3 U	3 U
COPPER		2 U		2 U		2 U		2 U			2 U	2 U
LEAD		1 U		1 U		1 U		1 U			1 U	1 U
MAGNESIUM		4900		2990		7970		11000			3850	3830
MERCURY		0.2 U		0.2 U		0.2 U		0.2 U			0.2 U	0.2 U
NICKEL		10 U		10 U		10 U		10 U			10 U	10 U
POTASSIUM		1360		1000 U		1080		1190			1060	1060
SELENIUM		1 U		1 U		1 U		1 U			1 U	1 U
SILVER		3 U		3 U		3 U		3 U			3 U	3 U
SODIUM		3750		1980 J		4430		5970			2660	2620
THALLIUM		1 U		1 U		1 U		1 U			1 U	1 U
TIN		10 U		10 UJ		10 U		10 U			10 U	10 U
VANADIUM		2 U		2 U		2 U		2 U			2 U	2 U
ZINC		14.8		10 U		10 U		10 U			10 U	10 U
Miscellaneous Parameters (mg/L)												
CHLORIDE	5		2		4		6		3	3		
CYANIDE	0.00999 UJ		0.00999 U		0.00999 U		0.00999 U		0.00999 U	0.00999 U		
PHOSPHORUS (ELEMENTAL)	0.1 U		0.01999 U		0.1 U		0.1 UJ		0.1 U	0.1 U		
SULFATE	25		19		32		43		19	19		
SULFIDE					1 U							
TOTAL ORGANIC CARBON	1.6		1.3		1 U		1.2		1.2	1.2		
TOTAL ORGANIC HALIDES	0.05 U		0.05 U		0.05 U		0.05 UJ		0.05 U	0.05 U		
Dissolved Miscellaneous Parameters (mg/L)												
PHOSPHORUS (ELEMENTAL)		0.1 U		0.01999 U		0.1 U		0.1 UJ			0.1 U	0.1 U

SWMU 03 – AMMUNITION BURING GROUND

2004 GROUND WATER MONITORING DATA

SWMU 03 - Amm[illegible]n Burning Ground
NSW Crane
Summary of 2004 Groundwater Data

LOCATION	03C02P2	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C04	03C04	03C04	03C04	03C07	03C07	03C07
NSAMPLE	AC02P21A04	AC02P21A04-F	AC02P22A04	AC02P22A04-F	AC031A04	AC031A04-F	AC032A04	AC032A04-F	AC041A04	AC041A04-F	AC042A04	AC042A04-F	AC071A04	AC071A04-F	AC072A04
SAMPLE	AC02P21A04	AC02P21A04-F	AC02P22A04	AC02P22A04-F	AC031A04	AC031A04-F	AC032A04	AC032A04-F	AC041A04	AC041A04-F	AC042A04	AC042A04-F	AC071A04	AC071A04-F	AC072A04
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	2/27/2004	2/27/2004	6/8/2004	6/8/2004	3/5/2004	3/5/2004	6/7/2004	6/7/2004	3/2/2004	3/3/2004	6/16/2004	6/17/2004	3/12/2004	3/12/2004	6/28/2004
Volatile Organics (ug/L)															
1,1-DICHLOROETHENE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U
CIS-1,2-DICHLOROETHENE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U
TRANS-1,2-DICHLOROETHENE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U
TRICHLOROETHENE	15		4.2		0.5 U		0.5 U		0.5 U		0.5		5.2		4.4
VINYL CHLORIDE	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U
Explosives (ug/L)															
1,3,5-TRINITROBENZENE	0.51999 U		0.55 U		0.56999 U		0.49 U		0.56 U		0.56 U		0.47999 U		0.55 U
1,3-DINITROBENZENE	0.51999 U		0.55 U		0.56999 U		0.49 U		0.56 U		0.56 U		0.47999 U		0.55 U
2,4,6-TRINITROTOLUENE	0.51999 U		0.55 U		0.56999 U		0.49 U		0.56 U		0.56 U		0.47999 U		0.55 U
2,4-DINITROTOLUENE	0.51999 U		0.55 U		0.56999 U		0.49 U		0.56 U		0.56 U		0.47999 U		0.55 U
2,6-DINITROTOLUENE	0.51999 U		0.55 U		0.56999 U		0.49 U		0.56 U		0.56 U		0.47999 U		0.55 U
2-AMINO-4,6-DINITROTOLUENE	0.51999 U		0.55 U		0.56999 U		0.49 U		0.56 U		0.56 U		0.47999 U		0.55 U
2-NITROTOLUENE	0.51999 U		0.55 U		0.56999 U		0.49 U		0.56 U		0.56 U		0.47999 U		0.55 U
3-NITROTOLUENE	0.51999 U		0.55 U		0.56999 U		0.49 U		0.56 U		0.56 U		0.47999 U		0.55 U
4-AMINO-2,6-DINITROTOLUENE	0.51999 U		0.55 U		0.56999 U		0.49 U		0.56 U		0.56 U		0.54		0.55 U
4-NITROTOLUENE	0.51999 U		0.55 U		0.56999 U		0.49 U		0.56 U		0.56 U		0.47999 U		0.55 U
HMX	2.8		32		0.56999 U		0.49 U		0.56 U		0.56 U		14		13
NITROBENZENE	0.51999 U		0.55 U		0.56999 U		0.49 U		0.56 U		0.56 U		0.47999 U		0.55 U
NITROCELLULOSE	1000 UJ		1000 U		1000 UJ		1000 U		1000 UJ		1000 UJ		1000 UJ		1000 UJ
NITROGLYCERIN	2.6 U		2.8 U		2.9 U		2.5 U		2.9 U		2.8 U		2.4 U		2.8 U
PETN	1.3 U		1.4 U		1.4 U		1.2 U		1.4 U		1.4 U		1.2 U		1.4 U
RDX	1.1		10		0.56999 U		0.49 U		0.56 U		0.56 U		43		36
TETRYL	0.51999 U		0.55 U		0.56999 U		0.49 U		0.56 U		0.56 U		0.47999 U		0.55 U
Total Inorganics (ug/L)															
ANTIMONY	1.1 U		2.2 U		1.1 U		2.2 U		1.1 U		2.2 U		1.1 U		2.2 U
ARSENIC	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
BARIUM	45.4		96.1		36.1		36.9		23.5		22.8		26.7		27.5
BERYLLIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CADMIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CHROMIUM	5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U
COBALT	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
COPPER	2.2 U		2.2 U		2.8		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
LEAD	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
MERCURY	0.2 U		0.2 U		0.2 U		0.2 UJ		0.2 U		0.2 U		0.2 U		0.2 U
NICKEL	11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
SELENIUM	1.1 UJ		1.1 U		1.1 UJ		1.1 U		2 J		1.1 U		2 J		1.1
SILVER	3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
THALLIUM	1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
TIN	11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
VANADIUM	2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
ZINC	11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
Dissolved Inorganics (ug/L)															
ANTIMONY		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
ARSENIC		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
BARIUM		43.8		94.1		36.4		37.2		18.8		18		28.3	
BERYLLIUM		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
CADMIUM		1 U		1 U		1 U		1 U		1 U		1 U		1 U	

SWMU 03 - Ammunition Burning Ground
NSW Crane
Summary of 2004 Groundwater Data

LOCATION	03C02P2	03C02P2	03C02P2	03C02P2	03C03	03C03	03C03	03C03	03C04	03C04	03C04	03C04	03C07	03C07	03C07
NSAMPLE	AC02P21A04	AC02P21A04-F	AC02P22A04	AC02P22A04-F	AC031A04	AC031A04-F	AC032A04	AC032A04-F	AC041A04	AC041A04-F	AC042A04	AC042A04-F	AC071A04	AC071A04-F	AC072A04
SAMPLE	AC02P21A04	AC02P21A04-F	AC02P22A04	AC02P22A04-F	AC031A04	AC031A04-F	AC032A04	AC032A04-F	AC041A04	AC041A04-F	AC042A04	AC042A04-F	AC071A04	AC071A04-F	AC072A04
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	2/27/2004	2/27/2004	6/8/2004	6/8/2004	3/5/2004	3/5/2004	6/7/2004	6/7/2004	3/2/2004	3/3/2004	6/16/2004	6/17/2004	3/12/2004	3/12/2004	6/28/2004
CALCIUM		27800		90300		1150		1470		147000		148000		105000	
CHROMIUM		5 U		5 U		5 U		5 U		5 U		5 U		5 U	
COBALT		3 U		3 U		3 U		3 U		3 U		3 U		3 U	
COPPER		2 U		2 U		2 U		2 U		2 U		2 U		2 U	
LEAD		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
MAGNESIUM		6390		16900		486		1000 U		190000		193000		51200	
MERCURY		0.2 U		0.2 U		0.2 U		0.2 UJ		0.2 U		0.2 U		0.2 U	
NICKEL		10 U		10 U		10 U		10 U		10 U		10 U		10 U	
POTASSIUM		1310		2760		1080		1030		2810		3130		1830	
SELENIUM		1 U		1 U		1 U		1 U		1.8		1.2		1.3	
SILVER		3 U		3 U		3 U		3 U		3 U		3 U		3 U	
SODIUM		14900		40800		267000		244000		61200		53600		26100	
THALLIUM		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
TIN		10 U		10 U		10 U		10 U		10 U		10 U		10 U	
VANADIUM		2 U		2 U		2 U		2 U		2 U		2 U		2 U	
ZINC		10 U		10 U		10 U		10 U		10 U		10 U		10 U	
Miscellaneous Parameters (mg/L)															
CHLORIDE	27		90		1		1		8		7		9		8
CYANIDE	0.00999 U		0.00999 U		0.00999		0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U
PHOSPHORUS (ELEMENTAL)	36 J		66		87 J		85		980 J		780		96		93
SULFATE	1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U
TOTAL ORGANIC CARBON	0.05 U		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U
TOTAL ORGANIC HALIDES	0.1 UJ		0.1 U		0.1 UJ		0.1 U		0.1 UJ		0.1 U		0.1 UJ		0.1 U
Dissolved Miscellaneous Parameters (mg/L)															
PHOSPHORUS (ELEMENTAL)		0.1 UJ		0.1 U		0.1 UJ		0.1 U		0.1 UJ		0.1 U		0.1 UJ	

SWMU 03 - Amm[illegible]n Burning Ground
NSW Crane
Summary of 2004 Groundwater Data

LOCATION	03C07	03C08P2	03C08P2	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C15	03C15	03C15
NSAMPLE	AC072A04-F	AC08P21A04	AC08P21A04-F	AC08P22A04	AC08P22A04-F	AC09P21A04	AC09P21A04-D	AC09P21A04-F	AC09P21A04-F-D	AC09P22A04	AC09P22A04-F	AC151A04	AC151A04-F	AC152A04
SAMPLE	AC072A04-F	AC08P21A04	AC08P21A04-F	AC08P22A04	AC08P22A04-F	AC09P21A04	FD03080401	AC09P21A04-F	FD03080401-F	AC09P22A04	AC09P22A04-F	AC151A04	AC151A04-F	AC152A04
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/28/2004	3/10/2004	3/10/2004	6/30/2004	6/30/2004	3/8/2004	3/8/2004	3/8/2004	3/8/2004	6/17/2004	6/17/2004	3/17/2004	3/17/2004	6/21/2004
Volatile Organics (ug/L)														
1,1-DICHLOROETHENE		0.5 U		0.5 U		0.5 U	0.5 U			0.5 U		0.5 U		0.5 U
CIS-1,2-DICHLOROETHENE		16		13		0.5 U	0.5 U			0.5 U		0.5 U		0.5 U
TRANS-1,2-DICHLOROETHENE		0.5 U		0.5 U		0.5 U	0.5 U			0.5 U		0.5 U		0.5 U
TRICHLOROETHENE		54		53		110	110			160		0.5 U		0.5 U
VINYL CHLORIDE		0.5 U		0.5 U		0.5 U	0.5 U			0.5 U		0.5 U		0.5 U
Explosives (ug/L)														
1,3,5-TRINITROBENZENE		0.54 U		0.54 U		0.52999 U	0.54 U			0.52999 U		0.51999 U		0.54 U
1,3-DINITROBENZENE		0.54 U		0.54 U		0.52999 U	0.54 U			0.52999 U		0.51999 U		0.54 U
2,4,6-TRINITROTOLUENE		0.54 U		0.54 U		0.52999 U	0.54 U			0.52999 U		0.51999 U		0.54 U
2,4-DINITROTOLUENE		0.54 U		0.54 U		0.52999 U	0.54 U			0.52999 U		0.51999 U		0.54 U
2,6-DINITROTOLUENE		0.54 U		0.54 U		0.62	0.63999			0.95999		0.51999 U		0.54 U
2-AMINO-4,6-DINITROTOLUENE		2.4		1.8		0.52999 U	0.54 U			0.52999 U		0.51999 U		0.54 U
2-NITROTOLUENE		0.54 U		0.54 U		0.52999 U	0.54 U			0.52999 U		0.51999 U		0.54 U
3-NITROTOLUENE		0.54 U		0.54 U		0.52999 U	0.54 U			0.52999 U		0.51999 U		0.54 U
4-AMINO-2,6-DINITROTOLUENE		3.3		2.5		0.52999 U	0.54 U			0.58999		0.51999 U		0.54 U
4-NITROTOLUENE		0.54 U		0.54 U		0.52999 U	0.54 U			0.52999 U		0.51999 U		0.54 U
HMX		34		31		5.8	6			9.9		0.51999 U		0.54 U
NITROBENZENE		0.54 U		0.54 U		0.52999 U	0.54 U			0.52999 U		0.51999 U		0.54 U
NITROCELLULOSE		1000 UJ		1000 UJ		1000 UJ	1000 UJ			1000 UJ		1000 UJ		1000 UJ
NITROGLYCERIN		2.7 U		2.8 U		2.7 U	2.7 U			2.7 U		2.6 U		2.7 U
PETN		1.3 U		1.3 U		1.3 U	1.3 U			1.3 U		1.3 U		1.3 U
RDX		92		77		240	240			330		0.51999 U		0.54 U
TETRYL		0.54 U		0.54 U		0.52999 U	0.54 U			0.52999 U		0.51999 U		0.54 U
Total Inorganics (ug/L)														
ANTIMONY		1.1 U		2.2 U		1.1 U	1.1 U			2.2 U		1.1 U		2.2 U
ARSENIC		1.1 U		1.1 U		2.5	2.4			2.7		1.1 U		1.1 U
BARIUM		59.3		65		18.7	18.3			20.9		27.6		28
BERYLLIUM		1.1 U		1.1 U		1.1 U	1.1 U			1.1 U		1.1 U		1.1 U
CADMIUM		1.1 U		1.1 U		1.1 U	1.1 U			1.1 U		1.1 U		1.1 U
CHROMIUM		5.6 U		5.6 U		5.6 U	5.6 U			5.6 U		5.6 U		5.6 U
COBALT		3.3 U		3.3 U		3.3 U	3.3 U			3.3 U		3.3 U		3.3 U
COPPER		2.2 U		2.2 U		2.2 U	2.2 U			2.2 U		2.2 U		2.2 U
LEAD		1.1 U		1.1 U		1.4	1.4			1.9		1.1 U		1.1 U
MERCURY		0.2 U		0.2 U		0.2 U	0.2 U			0.2 U		0.2 U		0.2 U
NICKEL		11.1 U		11.1 U		11.1 U	11.1 U			11.1 U		11.1 U		11.1 U
SELENIUM		2 J		1.1 U		1.8 J	2.2 J			1.1 U		2.2 J		1.1 U
SILVER		3.3 U		3.3 U		3.3 U	3.3 U			3.3 U		3.3 U		3.3 U
THALLIUM		1.1 U		1.1 U		1.1 U	1.1 U			1.1 U		1.1 U		1.1 U
TIN		11.1 U		11.1 U		11.1 U	11.1 U			11.1 U		11.1 U		11.1 U
VANADIUM		2.2 U		2.2 U		3	2.8			2.8		2.2 U		2.2 U
ZINC		11.9		19.6		11.1 U	11.1 U			11.1 U		11.1 U		69.3
Dissolved Inorganics (ug/L)														
ANTIMONY	1 U		1 U		1 U			1 U	1 U		1 U		1 U	
ARSENIC	1 U		1 U		1 U			1 U	1 U		1 U		1 U	
BARIUM	29		56		61			12.5	12.5		12.2		27.4	
BERYLLIUM	1 U		1 U		1 U			1 U	1 U		1 U		1 U	
CADMIUM	1 U		1 U		1 U			1 U	1 U		1 U		1 U	

SWMU 03 - Ammunition Burning Ground
NSW Crane
Summary of 2004 Groundwater Data

LOCATION	03C07	03C08P2	03C08P2	03C08P2	03C08P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C09P2	03C15	03C15	03C15
NSAMPLE	AC072A04-F	AC08P21A04	AC08P21A04-F	AC08P22A04	AC08P22A04-F	AC09P21A04	AC09P21A04-D	AC09P21A04-F	AC09P21A04-F-D	AC09P22A04	AC09P22A04-F	AC151A04	AC151A04-F	AC152A04
SAMPLE	AC072A04-F	AC08P21A04	AC08P21A04-F	AC08P22A04	AC08P22A04-F	AC09P21A04	FD03080401	AC09P21A04-F	FD03080401-F	AC09P22A04	AC09P22A04-F	AC151A04	AC151A04-F	AC152A04
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/28/2004	3/10/2004	3/10/2004	6/30/2004	6/30/2004	3/8/2004	3/8/2004	3/8/2004	3/8/2004	6/17/2004	6/17/2004	3/17/2004	3/17/2004	6/21/2004
CALCIUM	99800		129000		130000			71100	71700		76300		95600	
CHROMIUM	5 U		5 U		5 U			5 U	5 U		5 U		5 U	
COBALT	3 U		3 U		3 U			3 U	3 U		3 U		3 U	
COPPER	2 U		2 U		2 U			2 U	2 U		2 U		2 U	
LEAD	1 UJ		1 U		1 UJ			1 U	1 U		1 U		1 U	
MAGNESIUM	48900		48600		50800			12500	12500		13500		35800	
MERCURY	0.2 U		0.2 U		0.2 U			0.2 U	0.2 U		0.2 U		0.2 U	
NICKEL	10 U		10 U		10 U			10 U	10 U		10 U		10 U	
POTASSIUM	2790		9250		13700			1180	1210		1170		1430	
SELENIUM	1		1 U		1 U			1 U	1 U		1 U		1 U	
SILVER	3 U		3 U		3 U			3 U	3 U		3 U		3 U	
SODIUM	26000		14800		18400			4320	4230		4830		8940	
THALLIUM	1 U		1 U		1 U			1 U	1 U		1 U		1 U	
TIN	10 U		10 U		10 U			10 U	10 U		10 U		10 U	
VANADIUM	2 U		2 U		2 U			2 U	2 U		2 U		2 U	
ZINC	10 U		10 U		10 U			10 U	10 U		10 U		10 U	
Miscellaneous Parameters (mg/L)														
CHLORIDE		11		12		5	5			5		6		6
CYANIDE		0.00999 U		0.00999 U		0.00999 UJ	0.00999 UJ			0.00999 U		0.00999 U		0.00999 U
PHOSPHORUS (ELEMENTAL)		140		130		50 J	52 J			53		90 J		84
SULFATE		1 U		1 U		1 U	1 U			1 U		1 U		1 U
TOTAL ORGANIC CARBON		0.05 U		0.05 U		0.10999	0.10999			0.12999		0.05 U		0.05 U
TOTAL ORGANIC HALIDES		0.1 UJ		0.1 U		0.1 J	0.1 J			0.1 U		0.1 U		0.1 U
Dissolved Miscellaneous Parameters (mg/L)														
PHOSPHORUS (ELEMENTAL)	0.1 U		0.1 UJ		0.1 U			0.1 UJ	0.1 UJ		0.2		0.1 U	

SWMU 03 - Amm[illegible] Burning Ground
NSW Crane
Summary of 2004 Groundwater Data

LOCATION	03C15	03C15	03C15	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C25	03C25	03C25	03C25	03C26
NSAMPLE	AC152A04-D	AC152A04-F	AC152A04-F-D	AC171A04	AC171A04-F	AC172A04	AC172A04-F	AC201A04	AC201A04-F	AC202B04	AC202B04-F	AC251A04	AC251A04-F	AC252A04	AC252A04-F	AC261A04
SAMPLE	FD06210401	AC152A04-F	FD06210401-F	AC171A04	AC171A04-F	AC172A04	AC172A04-F	AC201A04	AC201A04-F	AC202B04	AC202B04-F	AC251A04	AC251A04-F	AC252A04	AC252A04-F	AC261A04
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/21/2004	6/21/2004	6/21/2004	3/11/2004	3/11/2004	6/30/2004	6/30/2004	3/9/2004	3/9/2004	6/18/2004	6/18/2004	2/26/2004	2/26/2004	6/1/2004	6/1/2004	3/2/2004
Volatile Organics (ug/L)																
1,1-DICHLOROETHENE	0.5 U			0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U
CIS-1,2-DICHLOROETHENE	0.5 U			0.5 U		0.5 U		85		52		0.5 U		0.5 U		0.5 U
TRANS-1,2-DICHLOROETHENE	0.5 U			0.5 U		0.5 U		6		6		0.5 U		0.5 U		0.5 U
TRICHLOROETHENE	0.5 U			0.5 U		0.5 U		1400		2000		0.5 U		0.5 U		3.4
VINYL CHLORIDE	0.5 U			0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U
Explosives (ug/L)																
1,3,5-TRINITROBENZENE	0.55 U			0.52999 U		0.52999 U		6.8		6.5		0.49 U		0.54 U		0.52999 U
1,3-DINITROBENZENE	0.55 U			0.52999 U		0.52999 U		0.54 U		0.55 U		0.49 U		0.54 U		0.52999 U
2,4,6-TRINITROTOLUENE	0.55 U			0.52999 U		0.52999 U		0.93		0.76999		0.49 U		0.54 U		0.52999 U
2,4-DINITROTOLUENE	0.55 U			0.52999 U		0.52999 U		0.54 U		0.55 U		0.49 U		0.54 U		0.52999 U
2,6-DINITROTOLUENE	0.55 U			0.52999 U		0.52999 U		0.54 U		0.55 U		0.49 U		0.54 U		0.52999 U
2-AMINO-4,6-DINITROTOLUENE	0.55 U			0.52999 U		0.52999 U		13		11		0.49 U		0.54 U		0.52999 U
2-NITROTOLUENE	0.55 U			0.52999 U		0.52999 U		0.54 U		0.55 U		0.49 U		0.54 U		0.52999 U
3-NITROTOLUENE	0.55 U			0.52999 U		0.52999 U		0.54 U		0.55 U		0.49 U		0.54 U		0.52999 U
4-AMINO-2,6-DINITROTOLUENE	0.55 U			0.52999 U		0.52999 U		16		13		0.49 U		0.54 U		0.52999 U
4-NITROTOLUENE	0.55 U			0.52999 U		0.52999 U		0.54 U		0.55 U		0.49 U		0.54 U		0.52999 U
HMX	0.55 U			0.52999 U		0.52999 U		34		27		0.49 U		0.54 U		0.52999 U
NITROBENZENE	0.55 U			0.52999 U		0.52999 U		0.54 U		0.55 U		0.49 U		0.54 U		0.52999 U
NITROCELLULOSE	1000 UJ			1000 UJ		1000 UJ		1000 UJ		1000 UJ		1000 UJ		1000 U		1000 UJ
NITROGLYCERIN	2.8 U			2.7 U		2.7 U		2.8 U		2.8 U		2.5 U		2.8 U		2.7 U
PETN	1.4 U			1.3 U		1.3 U		1.3 U		1.4 U		1.2 U		1.3 U		1.3 U
RDX	0.55 U			0.52999 U		0.52999 U		270		190		0.49 U		0.54 U		1.8
TETRYL	0.55 U			0.52999 U		0.52999 U		0.54 U		0.55 U		0.49 U		0.54 U		0.52999 U
Total Inorganics (ug/L)																
ANTIMONY	2.2 U			1.1 U		2.2 U		1.1 U		2.2 U		1.1 U		2.2 U		1.1 U
ARSENIC	1.1 U			2.2		2.1		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
BARIUM	28			11.2		10.4		29.8		32.8		16.3		16.3		37.7
BERYLLIUM	1.1 U			1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CADMIUM	1.1 U			1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CHROMIUM	5.6 U			5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U
COBALT	3.3 U			3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
COPPER	2.2 U			2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
LEAD	1.1 U			1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
MERCURY	0.2 U			0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U
NICKEL	11.1 U			11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
SELENIUM	1.1 U			1.8 J		1.1		1.2 J		1.1 U		1.1 UJ		1.1 U		1.1 UJ
SILVER	3.3 U			3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
THALLIUM	1.1 U			1.1 U		1.1 UJ		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
TIN	11.1 U			11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
VANADIUM	2.2 U			2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
ZINC	49.8			11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
Dissolved Inorganics (ug/L)																
ANTIMONY		1 U	1 U		1 U		1 U		1 U		1 U		1 U		1 U	
ARSENIC		1 U	1 U		2		1.3		1 U		1 U		1 U		1 U	
BARIUM		29.3	29		11		9.8		31.2		31.5		15.6		15.4	
BERYLLIUM		1 U	1 U		1 U		1 U		1 U		1 U		1 U		1 U	
CADMIUM		1 U	1 U		1 U		1 U		1 U		1 U		1 U		1 U	

SWMU 03 - Ammunition Burning Ground
NSW Crane
Summary of 2004 Groundwater Data

LOCATION	03C15	03C15	03C15	03C17	03C17	03C17	03C17	03C20	03C20	03C20	03C20	03C25	03C25	03C25	03C25	03C26
NSAMPLE	AC152A04-D	AC152A04-F	AC152A04-F-D	AC171A04	AC171A04-F	AC172A04	AC172A04-F	AC201A04	AC201A04-F	AC202B04	AC202B04-F	AC251A04	AC251A04-F	AC252A04	AC252A04-F	AC261A04
SAMPLE	FD06210401	AC152A04-F	FD06210401-F	AC171A04	AC171A04-F	AC172A04	AC172A04-F	AC201A04	AC201A04-F	AC202B04	AC202B04-F	AC251A04	AC251A04-F	AC252A04	AC252A04-F	AC261A04
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	6/21/2004	6/21/2004	6/21/2004	3/11/2004	3/11/2004	6/30/2004	6/30/2004	3/9/2004	3/9/2004	6/18/2004	6/18/2004	2/26/2004	2/26/2004	6/1/2004	6/1/2004	3/2/2004
CALCIUM		92500	90800		190000		211000		109000		99600		98000		104000	
CHROMIUM		5 U	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
COBALT		3 U	3 U		3 U		3 U		3 U		3 U		3 U		3 U	
COPPER		2 U	2 U		2 U		2 U		2 U		2 U		2 U		2 U	
LEAD		1 U	1 U		1 U		1 UJ		1 U		1 U		1 U		1 U	
MAGNESIUM		33400	32800		185000		200000		39800		38000		58200		61000	
MERCURY		0.2 U	0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U	
NICKEL		10 U	10 U		10 U		10 U		10 U		10 U		10 U		10 U	
POTASSIUM		1380	1390		3520		3220		2100		2210		2510		2620	
SELENIUM		1 U	1 U		1 U		1 U		1 U		1 U		1 U		1 U	
SILVER		3 U	3 U		3 U		3 U		3 U		3 U		3 U		3 U	
SODIUM		9600	9740		108000		106000		10800		11800		69400		70000	
THALLIUM		1 U	1 U		1 U		1 U		1 U		1 U		1 U		1 U	
TIN		10 U	10 U		10 U		10 U		10 U		10 U		10 U		10 U	
VANADIUM		2 U	2 U		2 U		2 U		2 U		2 U		2 U		2 U	
ZINC		10 U	10 U		10 U		10 U		10.2		10 U		10 U		10 U	
Miscellaneous Parameters (mg/L)																
CHLORIDE	6			4		3		6		6		2		2		4
CYANIDE	0.00999 U			0.00999 U		0.00999		0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U
PHOSPHORUS (ELEMENTAL)	84			1000		960		130 J		120		240 J		250		110 J
SULFATE	1 U			1 U		1 U		1 U		1 U		1 U		1 U		1 U
TOTAL ORGANIC CARBON	0.05 U			0.05 U		0.05 U		1.1		0.62		0.05 U		0.05 U		0.05 U
TOTAL ORGANIC HALIDES	0.1 U			0.1 UJ		0.1 U		0.1 UJ		0.1 U		0.1 UJ		0.1 U		0.1 UJ
Dissolved Miscellaneous Parameters (mg/L)																
PHOSPHORUS (ELEMENTAL)		0.1 U	0.1 U		0.1 UJ		0.1 U		0.1 UJ		0.1 U		0.1 UJ		0.1 U	

SWMU 03 - Ammunition Burning Ground
NSW Crane
Summary of 2004 Groundwater Data

LOCATION	03C26	03C26	03C26	03C27	03C27	03C27	03C27	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-C
NSAMPLE	AC261A04-F	AC262A04	AC262A04-F	AC271A04	AC271A04-F	AC272A04	AC272A04-F	AC301A04	AC301A04-F	AC302A04	AC302A04-F	ASPA1A04	ASPA1A04-F	ASPA2A04	ASPA2A04-F	ASPC1A04
SAMPLE	AC261A04-F	AC262A04	AC262A04-F	AC271A04	AC271A04-F	AC272A04	AC272A04-F	AC301A04	AC301A04-F	AC302A04	AC302A04-F	ASPA1A04	ASPA1A04-F	ASPA2A04	ASPA2A04-F	ASPC1A04
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/2/2004	6/16/2004	6/16/2004	3/15/2004	3/15/2004	6/22/2004	6/22/2004	3/15/2004	3/15/2004	6/30/2004	6/30/2004	3/16/2004	3/16/2004	6/29/2004	6/29/2004	3/3/2004
Volatile Organics (ug/L)																
1,1-DICHLOROETHENE		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U
CIS-1,2-DICHLOROETHENE		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U
TRANS-1,2-DICHLOROETHENE		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U
TRICHLOROETHENE		15		3.5		2.8		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U
VINYL CHLORIDE		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U
Explosives (ug/L)																
1,3,5-TRINITROBENZENE		0.54 U		0.50999 U		0.55 U		0.54 U		0.54 U		0.54 U		0.54 U		0.52999 U
1,3-DINITROBENZENE		0.54 U		0.50999 U		0.55 U		0.54 U		0.54 U		0.54 U		0.54 U		0.52999 U
2,4,6-TRINITROTOLUENE		0.54 U		0.50999 U		0.55 U		0.54 U		0.54 U		1.4		4.5		0.52999 U
2,4-DINITROTOLUENE		0.54 U		0.50999 U		0.55 U		0.54 U		0.54 U		0.54 U		0.54 U		0.52999 U
2,6-DINITROTOLUENE		0.54 U		0.50999 U		0.55 U		0.54 U		0.54 U		0.54 U		0.54 U		0.52999 U
2-AMINO-4,6-DINITROTOLUENE		0.54 U		0.50999 U		0.55 U		0.54 U		0.54 U		0.54 U		1.2		0.52999 U
2-NITROTOLUENE		0.54 U		0.50999 U		0.55 U		0.54 U		0.54 U		0.54 U		0.54 U		0.52999 U
3-NITROTOLUENE		0.54 U		0.50999 U		0.55 U		0.54 U		0.54 U		0.54 U		0.54 U		0.52999 U
4-AMINO-2,6-DINITROTOLUENE		0.54 U		0.50999 U		0.55 U		0.54 U		0.54 U		0.54 U		3		0.52999 U
4-NITROTOLUENE		0.54 U		0.50999 U		0.55 U		0.54 U		0.54 U		0.54 U		0.54 U		0.52999 U
HMX		0.54 U		0.50999 U		0.55 U		0.54 U		0.54 U		5.2		21		0.52999 U
NITROBENZENE		0.54 U		0.50999 U		0.55 U		0.54 U		0.54 U		0.54 U		0.54 U		0.52999 U
NITROCELLULOSE		1000 UJ		1000 UJ		1000 UJ		1000 UJ		1000 UJ		1000 UJ		1000 UJ		1000 UJ
NITROGLYCERIN		2.8 U		2.6 U		2.8 U		2.7 U		2.8 U		2.8 U		11		2.7 U
PETN		1.3 U		1.2 U		1.4 U		1.3 U		1.3 U		1.3 U		1.3 U		1.3 U
RDX		3.1		0.50999 U		0.55 U		0.54 U		0.54 U		11		52		1.1
TETRYL		0.54 U		0.50999 U		0.55 U		0.54 U		0.54 U		0.54 U		0.54 U		0.52999 U
Total Inorganics (ug/L)																
ANTIMONY		2.2 U		1.1 U		2.2 U		1.1 U		2.2 U		1.1 U		2.2 U		1.1 U
ARSENIC		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
BARIUM		39.7		28.2		28.3		48.4		56.4		58		111		35.8
BERYLLIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CADMIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
CHROMIUM		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U		5.6 U
COBALT		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
COPPER		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
LEAD		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
MERCURY		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U
NICKEL		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
SELENIUM		1.1 U		1.1 UJ		1.1 U		1.1 UJ		1.1 U		1.1 UJ		1.1 U		1.1 UJ
SILVER		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U		3.3 U
THALLIUM		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U		1.1 U
TIN		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U		11.1 U
VANADIUM		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U		2.2 U
ZINC		26.1		11.1 U		11.1 U		11.1 U		25.4		11.1 U		11.1 U		11.1 U
Dissolved Inorganics (ug/L)																
ANTIMONY	1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
ARSENIC	1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
BARIUM	38.1		39.4		29.2		28.4		34		39.4		57.2		111	
BERYLLIUM	1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
CADMIUM	1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U	

SWMU 03 - Ammunition Burning Ground
NSW Crane
Summary of 2004 Groundwater Data

LOCATION	03C26	03C26	03C26	03C27	03C27	03C27	03C27	03C30	03C30	03C30	03C30	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-A	03-SPR-C
NSAMPLE	AC261A04-F	AC262A04	AC262A04-F	AC271A04	AC271A04-F	AC272A04	AC272A04-F	AC301A04	AC301A04-F	AC302A04	AC302A04-F	ASPA1A04	ASPA1A04-F	ASPA2A04	ASPA2A04-F	ASPC1A04
SAMPLE	AC261A04-F	AC262A04	AC262A04-F	AC271A04	AC271A04-F	AC272A04	AC272A04-F	AC301A04	AC301A04-F	AC302A04	AC302A04-F	ASPA1A04	ASPA1A04-F	ASPA2A04	ASPA2A04-F	ASPC1A04
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/2/2004	6/16/2004	6/16/2004	3/15/2004	3/15/2004	6/22/2004	6/22/2004	3/15/2004	3/15/2004	6/30/2004	6/30/2004	3/16/2004	3/16/2004	6/29/2004	6/29/2004	3/3/2004
CALCIUM	119000		103000		56500		54800		34000		27100		25400		48100	
CHROMIUM	5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U	
COBALT	3 U		3 U		3 U		3 U		3 U		3 U		3 U		3 U	
COPPER	2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U	
LEAD	1 U		1 U		1 U		1 UJ		1 U		1 UJ		1 U		1 UJ	
MAGNESIUM	57900		57600		2730		2900		26300		23900		6400		11300	
MERCURY	0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U	
NICKEL	10 U		10 U		10 U		10 U		10 U		10 U		10 U		10 U	
POTASSIUM	2110		2020		1100		1050		2340		3050		1270		2400	
SELENIUM	1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
SILVER	3 U		3 U		3 U		3 U		3 U		3 U		3 U		3 U	
SODIUM	14000		16100		5140		5370		87800		101000		3950		6860	
THALLIUM	1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U	
TIN	10 U		10 U		10 U		10 U		10 U		10 U		10 U		10 U	
VANADIUM	2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U	
ZINC	10 U		10 U		39.9		10 U		111		10 U		10 U		10 U	
Miscellaneous Parameters (mg/L)																
CHLORIDE		4		3		3		2		2		4		6		4
CYANIDE		0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U		0.00999 U
PHOSPHORUS (ELEMENTAL)		110		9 J		9		120		110		42		40		28 J
SULFATE		1 U		1 U		1 U		1 U		1 U		1 U		1 U		1
TOTAL ORGANIC CARBON		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U		0.05 U
TOTAL ORGANIC HALIDES		0.1 U		0.1 UJ		0.1 U		0.3 J		0.1 U		0.1 U		0.1 U		0.1 UJ
Dissolved Miscellaneous Parameters (mg/L)																
PHOSPHORUS (ELEMENTAL)	0.1 UJ		0.1 U		0.1 UJ		0.1 U		0.1 UJ		0.1 U		0.1 U		0.1 U	

SWMU 03 - Amm[illegible] Burning Ground
NSW Crane
Summary of 2004 Groundwater Data

LOCATION	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPC1A04-D	ASPC1A04-F	ASPC1A04-F-D	ASPC2A04	ASPC2A04-D	ASPC2A04-F	ASPC2A04-F-D
SAMPLE	FD03030401	ASPC1A04-F	FD03030401-F	ASPC2A04	FD06290401	ASPC2A04-F	FD06290401-F
MATRIX	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/3/2004	3/3/2004	3/3/2004	6/29/2004	6/29/2004	6/29/2004	6/29/2004
Volatile Organics (ug/L)							
1,1-DICHLOROETHENE	0.5 U			0.5 U	0.5 U		
CIS-1,2-DICHLOROETHENE	0.5 U			0.5 U	0.5 U		
TRANS-1,2-DICHLOROETHENE	0.5 U			0.5 U	0.5 U		
TRICHLOROETHENE	0.5 U			0.5 U	0.5 U		
VINYL CHLORIDE	0.5 U			0.5 U	0.5 U		
Explosives (ug/L)							
1,3,5-TRINITROBENZENE	0.52999 U			0.52999 U	0.52999 U		
1,3-DINITROBENZENE	0.52999 U			0.52999 U	0.52999 U		
2,4,6-TRINITROTOLUENE	0.52999 U			0.52999 U	0.52999 U		
2,4-DINITROTOLUENE	0.52999 U			0.52999 U	0.52999 U		
2,6-DINITROTOLUENE	0.52999 U			0.52999 U	0.52999 U		
2-AMINO-4,6-DINITROTOLUENE	0.52999 U			0.52999 U	0.52999 U		
2-NITROTOLUENE	0.52999 U			0.52999 U	0.52999 U		
3-NITROTOLUENE	0.52999 U			0.52999 U	0.52999 U		
4-AMINO-2,6-DINITROTOLUENE	0.52999 U			0.52999 U	0.52999 U		
4-NITROTOLUENE	0.52999 U			0.52999 U	0.52999 U		
HMX	0.52999 U			1.7	1.5		
NITROBENZENE	0.52999 U			0.52999 U	0.52999 U		
NITROCELLULOSE	1000 UJ			1000 UJ	1000 UJ		
NITROGLYCERIN	2.7 U			2.7 U	2.7 U		
PETN	1.3 U			1.3 U	1.3 U		
RDX	1.2			4.9	4.3		
TETRYL	0.52999 U			0.52999 U	0.52999 U		
Total Inorganics (ug/L)							
ANTIMONY	1.1 U			2.2 U	2.2 U		
ARSENIC	1.1 U			1.1 U	1.1 U		
BARIUM	34.6			62.5	62.5		
BERYLLIUM	1.1 U			1.1 U	1.1 U		
CADMIUM	1.1 U			1.1 U	1.1 U		
CHROMIUM	5.6 U			5.6 U	5.6 U		
COBALT	3.3 U			3.3 U	3.3 U		
COPPER	2.2 U			2.2 U	2.2 U		
LEAD	1.1 U			1.1 U	1.1 U		
MERCURY	0.2 U			0.2 U	0.2 U		
NICKEL	11.1 U			11.1 U	11.1 U		
SELENIUM	1.1 UJ			1.1 U	1.1 U		
SILVER	3.3 U			3.3 U	3.3 U		
THALLIUM	1.1 U			1.1 U	1.1 U		
TIN	11.1 U			11.1 U	11.1 U		
VANADIUM	2.2 U			2.2 U	2.2 U		
ZINC	11.1 U			11.1 U	11.1 U		
Dissolved Inorganics (ug/L)							
ANTIMONY		1 U	1 U			1 U	1 U
ARSENIC		1 U	1 U			1 U	1 U
BARIUM		33.7	34.2			64.5	66
BERYLLIUM		1 U	1 U			1 U	1 U
CADMIUM		1 U	1 U			1 U	1 U

SWMU 03 - Ammunition Burning Ground
NSW Crane
Summary of 2004 Groundwater Data

LOCATION	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C	03-SPR-C
NSAMPLE	ASPC1A04-D	ASPC1A04-F	ASPC1A04-F-D	ASPC2A04	ASPC2A04-D	ASPC2A04-F	ASPC2A04-F-D
SAMPLE	FD03030401	ASPC1A04-F	FD03030401-F	ASPC2A04	FD06290401	ASPC2A04-F	FD06290401-F
MATRIX	GW	GW	GW	GW	GW	GW	GW
SAMPLE DATE	3/3/2004	3/3/2004	3/3/2004	6/29/2004	6/29/2004	6/29/2004	6/29/2004
CALCIUM		18200	18100			50000	49800
CHROMIUM		5 U	5 U			5 U	5 U
COBALT		3 U	3 U			3 U	3 U
COPPER		2 U	2 U			2 U	2 U
LEAD		1 U	1 U			1 UJ	1 UJ
MAGNESIUM		4210	4060			8240	8300
MERCURY		0.2 U	0.2 U			0.2 U	0.2 U
NICKEL		10 U	10 U			10 U	10 U
POTASSIUM		909	908			1190	1210
SELENIUM		1 U	1 U			1 U	1 U
SILVER		3 U	3 U			3 U	3 U
SODIUM		2930	2900			4860	4860
THALLIUM		1 U	1 U			1 U	1 U
TIN		10 U	10 U			10 U	10 U
VANADIUM		2 U	2 U			2 U	2 U
ZINC		10 U	10 U			10 U	10 U
Miscellaneous Parameters (mg/L)							
CHLORIDE	4			4	4		
CYANIDE	0.00999 U			0.00999 U	0.00999 U		
PHOSPHORUS (ELEMENTAL)	24 J			33	33		
SULFATE	1.1			1 U	1 U		
TOTAL ORGANIC CARBON	0.05 U			0.05 U	0.05 U		
TOTAL ORGANIC HALIDES	0.1 UJ			0.1 U	0.1 U		
Dissolved Miscellaneous Parameters (mg/L)							
PHOSPHORUS (ELEMENTAL)		0.1 UJ	0.1 UJ			0.1 U	0.1 U

2001 OJT RFI SOIL AND GROUND WATER MONITORING RESULTS

SURFACE SOIL

TABLE E-1

SUMMARY OF ANALYTIC RESULTS IN SURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB01	03SB02	03SB03	03SB04	03SB05	03SB06	03SB07	03SB08	03SB09	03SB10	03SB11	03SB12
NSAMPLE	03SS010002	03SS020002	03SS030002	03SS040002	03SS050002	03SS060002	03SS070002	03SS080002	03SS090002	03SS100002	03SS110002	03SS120002
SAMPLE	03SS010002	03SS020002	03SS030002	03SS040002	03SS050002	03SS060002	03SS070002	03SS080002	03SS090002	03SS100002	03SS110002	03SS120002
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Dioxins (NG/KG)												
1,2,3,4,6,7,8,9-OCDD												
1,2,3,4,6,7,8,9-OCDF												
1,2,3,4,6,7,8-HPCDD												
1,2,3,4,6,7,8-HPCDF												
1,2,3,4,7,8,9-HPCDF												
1,2,3,4,7,8-HXCDD												
1,2,3,4,7,8-HXCDF												
1,2,3,6,7,8-HXCDD												
1,2,3,6,7,8-HXCDF												
1,2,3,7,8,9-HXCDD												
1,2,3,7,8,9-HXCDF												
1,2,3,7,8-PECDD												
1,2,3,7,8-PECDF												
2,3,4,6,7,8-HXCDF												
2,3,4,7,8-PECDF												
2,3,7,8-TCDD												
2,3,7,8-TCDF												
TEQ BIRD												
TEQ FISH												
TEQ HUMAN												
TOTAL HPCDD												
TOTAL HPCDF												
TOTAL HXCDD												
TOTAL HXCDF												
TOTAL PECDD												
TOTAL PECDF												
TOTAL TCDD												
TOTAL TCDF												
Volatile Organics (UG/KG)												
1,1,1,2-TETRACHLOROETHANE												
1,1,1-TRICHLOROETHANE												
1,1,2,2-TETRACHLOROETHANE												
1,1,2-TRICHLOROETHANE												
1,1-DICHLOROETHANE												
1,1-DICHLOROETHENE												
1,2,3-TRICHLOROPROPANE												
1,2-DIBROMO-3-CHLOROPROPANE												
1,2-DIBROMOETHANE												
1,2-DICHLOROETHANE												
1,2-DICHLOROPROPANE												
1,4-DIOXANE												
2-BUTANONE												
2-HEXANONE												
3-CHLOROPROPENE												
4-METHYL-2-PENTANONE												
ACETONE												
ACETONITRILE												
ACROLEIN												
ACRYLONITRILE												

TABLE E-1

SUMMARY OF ANALYTIC RESULTS IN SURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB01	03SB02	03SB03	03SB04	03SB05	03SB06	03SB07	03SB08	03SB09	03SB10	03SB11	03SB12
NSAMPLE	03SS010002	03SS020002	03SS030002	03SS040002	03SS050002	03SS060002	03SS070002	03SS080002	03SS090002	03SS100002	03SS110002	03SS120002
SAMPLE	03SS010002	03SS020002	03SS030002	03SS040002	03SS050002	03SS060002	03SS070002	03SS080002	03SS090002	03SS100002	03SS110002	03SS120002
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
BENZENE												
BROMODICHLOROMETHANE												
BROMOFORM												
BROMOMETHANE												
CARBON DISULFIDE												
CARBON TETRACHLORIDE												
CHLOROBENZENE												
CHLORODIBROMOMETHANE												
CHLOROETHANE												
CHLOROFORM												
CHLOROMETHANE												
CHLOROPRENE												
CIS-1,2-DICHLOROETHENE												
CIS-1,3-DICHLOROPROPENE												
DIBROMOMETHANE												
DICHLORODIFLUOROMETHANE												
ETHYL METHACRYLATE												
ETHYLBENZENE												
ISOBUTANOL												
METHACRYLONITRILE												
METHYL IODIDE												
METHYL METHACRYLATE												
METHYLENE CHLORIDE												
PROPIONITRILE												
STYRENE												
TETRACHLOROETHENE												
TOLUENE												
TOTAL XYLENES												
TRANS-1,2-DICHLOROETHENE												
TRANS-1,3-DICHLOROPROPENE												
TRANS-1,4-DICHLORO-2-BUTENE												
TRICHLOROETHENE												
TRICHLOROFLUOROMETHANE												
VINYL ACETATE												
VINYL CHLORIDE												
Semivolatile Organics (UG/KG)												
1,2,4,5-TETRACHLOROBENZENE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
1,2,4-TRICHLOROBENZENE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
1,2-DICHLOROBENZENE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
1,3-DICHLOROBENZENE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
1,4-DICHLOROBENZENE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
1,4-NAPHTHOQUINONE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
1,4-PHENYLENEDIAMINE		76 U		72 U	83 UJ	74 U	74 U	73 UJ	67 UJ	78 UJ	76 UJ	
1-NAPHTHYLAMINE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
2,2'-OXYBIS(1-CHLOROPROPANE)		76 UJ		72 UJ	83 UJ	74 UJ	74 UJ	73 UJ	67 UJ	78 UJ	76 UJ	
2,3,4,6-TETRACHLOROPHENOL		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
2,4,5-TRICHLOROPHENOL		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
2,4,6-TRICHLOROPHENOL		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
2,4-DICHLOROPHENOL		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
2,4-DIMETHYLPHENOL		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	

TABLE E-1

SUMMARY OF ANALYTIC RESULTS IN SURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB01	03SB02	03SB03	03SB04	03SB05	03SB06	03SB07	03SB08	03SB09	03SB10	03SB11	03SB12
NSAMPLE	03SS010002	03SS020002	03SS030002	03SS040002	03SS050002	03SS060002	03SS070002	03SS080002	03SS090002	03SS100002	03SS110002	03SS120002
SAMPLE	03SS010002	03SS020002	03SS030002	03SS040002	03SS050002	03SS060002	03SS070002	03SS080002	03SS090002	03SS100002	03SS110002	03SS120002
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
QC TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
2,4-DINITROPHENOL		76 U		72 U	83 U	74 U	74 U	73 U	67 UJ	78 UJ	76 U	
2,6-DICHLOROPHENOL		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
2-ACETYLAMINOFLUORENE		76 U		72 U	83 U	74 U	74 U	73 U	67 UJ	78 U	76 U	
2-CHLORONAPHTHALENE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
2-CHLOROPHENOL		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
2-METHYLNAPHTHALENE		1.48 U		1.4 U	1.6 U	1.44 U	1.43 U	1.41 U	1.3 U	1.51 U	1.49 U	
2-METHYLPHENOL		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
2-NAPHTHYLAMINE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
2-NITROANILINE		76 UJ		72 UJ	83 U	74 UJ	74 UJ	73 U	67 UJ	78 U	76 U	
2-NITROPHENOL		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
2-PICOLINE		76 U		72 U	83 U	74 U	74 U	73 U	67 UJ	78 U	76 U	
3&4-METHYLPHENOL		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
3,3'-DICHLOROBENZIDINE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
3,3'-DIMETHYLBENZIDINE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
3-METHYLCHOLANTHRENE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 UJ	76 U	
3-NITROANILINE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
4,6-DINITRO-2-METHYLPHENOL		76 U		72 U	83 U	74 U	74 U	73 U	67 UJ	78 U	76 U	
4-AMINOBIPHENYL		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
4-BROMOPHENYL PHENYL ETHER		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
4-CHLORO-3-METHYLPHENOL		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
4-CHLOROANILINE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
4-CHLOROPHENYL PHENYL ETHER		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
4-NITROANILINE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
4-NITROPHENOL		76 UJ		72 UJ	83 U	74 UJ	74 UJ	73 U	67 UJ	78 UJ	76 U	
4-NITROQUINOLINE-1-OXIDE		76 UR		72 UR	83 UR	74 UR	74 UR	73 UR	67 UR	78 UR	76 UR	
5-NITRO-O-TOLUIDINE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
7,12-DIMETHYLBENZ(A)ANTHRACENE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 UJ	76 U	
A,A-DIMETHYLPHENETHYLAMINE		76 UJ		72 UJ	83 U	74 UJ	74 UJ	73 UJ	67 UJ	78 UJ	76 UJ	
ACENAPHTHENE		1.48 U		1.4 U	1.6 U	1.44 U	1.43 U	1.41 U	1.3 U	1.51 U	1.49 U	
ACENAPHTHYLENE		1.48 U		1.4 U	1.6 U	1.44 U	1.43 U	1.41 U	1.3 U	1.51 U	14	
ACETOPHENONE		76 U		72 U	83 UJ	74 U	74 U	73 U	67 U	78 U	76 U	
ANILINE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
ANTHRACENE		1.48 U		1.4 U	1.6 U	1.44 U	1.43 U	1.41 U	1.3 U	1.51 U	12	
ARAMITE		76 U		72 U	83 U	74 U	74 U	73 U	67 UJ	78 U	76 U	
BENZO(A)ANTHRACENE		1.48 U		1.4 U	1.6 U	5.7 U	1.43 U	1.41 U	1.3 U	1.51 U	18	
BENZO(A)PYRENE		1.48 U		1.4 U	1.6 U	1.44 U	1.43 U	1.41 U	1.3 U	1.51 U	28	
BENZO(B)FLUORANTHENE		1.48 U		1.4 U	1.6 U	1.44 U	1.43 U	1.41 U	1.3 U	9	49	
BENZO(G,H,I)PERYLENE		1.48 U		1.4 U	1.6 U	1.44 U	1.43 U	1.41 U	1.3 U	1.51 U	22	
BENZO(K)FLUORANTHENE		1.48 U		1.4 U	1.6 U	1.44 U	1.43 U	1.41 U	1.3 U	1.51 U	1.49 U	
BENZYL ALCOHOL		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
BIS(2-CHLOROETHOXY)METHANE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
BIS(2-CHLOROETHYL)ETHER		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
BIS(2-ETHYLHEXYL)PHTHALATE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
BUTYL BENZYL PHTHALATE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
CHLOROBENZILATE		76 U		72 U	83 U	74 U	74 U	73 U	67 UJ	78 U	76 U	
CHRYSENE		1.48 U		1.4 U	1.6 U	5.7 U	1.43 U	1.41 U	1.3 U	1.51 U	18	
DI-N-BUTYL PHTHALATE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	120 J	76 U	
DI-N-OCTYL PHTHALATE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 UJ	76 U	
DIALLATE		76 U		72 U	83 U	74 U	74 U	73 U	67 UJ	78 U	76 U	
DIBENZO(A,H)ANTHRACENE		1.48 U		1.4 U	1.6 U	1.44 U	1.43 U	1.41 U	1.3 U	1.51 U	1.49 U	

TABLE E-1

SUMMARY OF ANALYTIC RESULTS IN SURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB01	03SB02	03SB03	03SB04	03SB05	03SB06	03SB07	03SB08	03SB09	03SB10	03SB11	03SB12
NSAMPLE	03SS010002	03SS020002	03SS030002	03SS040002	03SS050002	03SS060002	03SS070002	03SS080002	03SS090002	03SS100002	03SS110002	03SS120002
SAMPLE	03SS010002	03SS020002	03SS030002	03SS040002	03SS050002	03SS060002	03SS070002	03SS080002	03SS090002	03SS100002	03SS110002	03SS120002
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
DIBENZOFURAN		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
DIETHYL PHTHALATE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
DIMETHYL PHTHALATE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
DIPHENYLAMINE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
ETHYL METHANE SULFONATE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
ETHYL PARATHION		76 U		72 U	83 U	74 U	74 U	73 U	67 UJ	78 UJ	76 U	
FLUORANTHENE		1.48 U		1.4 U	1.6 U	1.44 U	1.43 U	1.41 U	1.3 U	1.51 U	14	
FLUORENE		1.48 U		1.4 U	1.6 U	1.44 U	1.43 U	1.41 U	1.3 U	1.51 U	1.49 U	
HEXACHLOROBENZENE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
HEXACHLOROBUTADIENE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
HEXACHLOROCYCLOPENTADIENE		76 U		72 U	83 U	74 U	74 U	73 U	67 UJ	78 U	76 U	
HEXACHLOROETHANE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
HEXACHLOROPROPENE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
INDENO(1,2,3-CD)PYRENE		1.48 U		1.4 U	1.6 U	1.44 U	1.43 U	1.41 U	1.3 U	1.51 U	20	
ISODRIN		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
ISOPHORONE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
ISOSAFROLE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
KEPONE		76 UR		72 UR	83 UR	74 UR	74 UR	73 UR	67 UR	78 UR	76 UR	
METHAPYRILENE		76 U		72 U	83 U	74 U	74 U	73 U	67 UJ	78 U	76 U	
METHYL METHANE SULFONATE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
METHYL PARATHION		76 U		72 U	83 U	74 U	74 U	73 U	67 UJ	78 U	76 U	
N-NITROSO-DI-N-BUTYLAMINE		76 U		72 U	83 U	74 U	74 U	73 U	67 UJ	78 U	76 U	
N-NITROSO-DI-N-PROPYLAMINE		76 UJ		72 UJ	83 UJ	74 UJ	74 UJ	73 UJ	67 UJ	78 UJ	76 UJ	
N-NITROSODIETHYLAMINE		76 U		72 U	83 U	74 U	74 U	73 U	67 UJ	78 U	76 U	
N-NITROSODIMETHYLAMINE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
N-NITROSOMETHYLETHYLAMINE		76 U		72 U	83 U	74 U	74 U	73 U	67 UJ	78 U	76 U	
N-NITROSOMORPHOLINE		76 UJ		72 UJ	83 UJ	74 UJ	74 UJ	73 UJ	67 UJ	78 UJ	76 UJ	
N-NITROSOPIPERIDINE		76 UJ		72 UJ	83 UJ	74 UJ	74 UJ	73 UJ	67 UJ	78 UJ	76 UJ	
N-NITROSOPYRROLIDINE		76 U		72 U	83 U	74 U	74 U	73 U	67 UJ	78 U	76 U	
NAPHTHALENE		1.48 U		1.4 U	1.6 U	1.44 U	1.43 U	1.41 U	1.3 U	1.51 U	1.49 U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
O-TOLUIDINE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
P-(DIMETHYLAMINO)AZOBENZENE		76 U		72 U	83 U	74 U	74 U	73 U	67 UJ	78 U	76 U	
PENTACHLOROBENZENE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
PENTACHLOROETHANE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
PENTACHLORONITROBENZENE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
PHENACETIN		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
PHENANTHRENE		1.48 U		1.4 U	1.6 U	1.44 U	1.43 U	1.41 U	1.3 U	1.51 U	8	
PHENOL		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
PRONAMIDE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
PYRENE		1.48 U		1.4 U	1.6 U	6.7 U	1.43 U	1.41 U	1.3 U	1.51 U	19	
PYRIDINE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
SAFROLE		76 U		72 U	83 U	74 U	74 U	73 U	67 U	78 U	76 U	
Energetics (MG/KG)												
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-DINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

TABLE E-1

SUMMARY OF ANALYTIC RESULTS IN SURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB01	03SB02	03SB03	03SB04	03SB05	03SB06	03SB07	03SB08	03SB09	03SB10	03SB11	03SB12
NSAMPLE	03SS010002	03SS020002	03SS030002	03SS040002	03SS050002	03SS060002	03SS070002	03SS080002	03SS090002	03SS100002	03SS110002	03SS120002
SAMPLE	03SS010002	03SS020002	03SS030002	03SS040002	03SS050002	03SS060002	03SS070002	03SS080002	03SS090002	03SS100002	03SS110002	03SS120002
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
2-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.34	0.28 U	0.44	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
NITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
NITROCELLULOSE	620 U	560 U	830 U	540 U	600 U	550 U	520 U	540 U	540 U	560 U	600 U	590 U
NITROGLYCERIN	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
PETN	1.6 U	0.025 U	1.8 U	0.025 U	0.25 U	0.025 U	0.025 U	0.025 U	1.3 U	0.25 U	0.025 U	1.5 U
RDX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
TETRYL	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Pesticides/PCB's (UG/KG)												
4,4'-DDD												
4,4'-DDE												
4,4'-DDT												
ALDRIN												
ALPHA-BHC												
ALPHA-CHLORDANE												
AROCLOR-1016												
AROCLOR-1221												
AROCLOR-1232												
AROCLOR-1242												
AROCLOR-1248												
AROCLOR-1254												
AROCLOR-1260												
BETA-BHC												
DELTA-BHC												
DIELDRIN												
ENDOSULFAN I												
ENDOSULFAN II												
ENDOSULFAN SULFATE												
ENDRIN												
ENDRIN ALDEHYDE												
ENDRIN KETONE												
GAMMA-BHC (LINDANE)												
GAMMA-CHLORDANE												
HEPTACHLOR												
HEPTACHLOR EPOXIDE												
METHOXYCHLOR												
TOXAPHENE												
Herbicides (UG/KG)												
2,4,5-T												
2,4,5-TP (SILVEX)												
2,4-D												
DINOSEB												
HEXACHLOROPHENE												
PENTACHLOROPHENOL												
Inorganics (MG/KG)												
ALUMINUM												
ANTIMONY												

TABLE E-1

SUMMARY OF ANALYTIC RESULTS IN SURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB01	03SB02	03SB03	03SB04	03SB05	03SB06	03SB07	03SB08	03SB09	03SB10	03SB11	03SB12
NSAMPLE	03SS010002	03SS020002	03SS030002	03SS040002	03SS050002	03SS060002	03SS070002	03SS080002	03SS090002	03SS100002	03SS110002	03SS120002
SAMPLE	03SS010002	03SS020002	03SS030002	03SS040002	03SS050002	03SS060002	03SS070002	03SS080002	03SS090002	03SS100002	03SS110002	03SS120002
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
ARSENIC												
BARIUM												
BERYLLIUM												
CADMIUM												
CALCIUM												
CHROMIUM												
COBALT												
COPPER												
IRON												
LEAD												
MAGNESIUM												
MANGANESE												
MERCURY												
NICKEL												
POTASSIUM												
SELENIUM												
SILVER												
SODIUM												
THALLIUM												
TIN												
VANADIUM												
ZINC												
Miscellaneous Parameters (MG/KG)												
NITRATE MG/KG	0.6 U	1.7	1.2	1.9	2.4	3	3.6	2.8	2.2	3.7	1.1 UJ	0.8
NITRITE MG/KG	5.6 J	14 UJ	2.4 UJ	2 UJ	20 UR	1.1 UJ	5.3 UJ	2 UJ	12 UJ	2.2 UR	31 UJ	2.4 J
NITRITE/NITRATE MG/KG	0.6 U	1.7 J	1.2	1.9 J	2.4 J	3 J	3.6 J	2.8 J	2.2 J	3.7 J	1.1 UJ	0.8
PERCHLORATE	25 UJ	22 UJ	25 UJ	22 UJ	25 UJ	22 UJ	22 UJ	24 J	27 UJ	23 UJ	24 UJ	23 UJ
Miscellaneous Parameters (%)												
PERCENT MOISTURE	19.4	10.6	19.9	7.7	19	9.7	7.6	6.4	25	13.8	16.5	13.9

TABLE E-1

SUMMARY OF ANALYTIC RESULTS IN SURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB13	03SB14	03SB15	03SB16	03SB17	03SB18	03SB19	03SB20	03SB21	03SB22	03SB23	03SB24
NSAMPLE	03SS130002	03SS140002	03SS150002	03SS160002	03SS170002	03SS180002	03SS190002	03SS200002	03SS210002	03SS220002	03SS230002	03SS240002
SAMPLE	03SS130002	03SS140002	03SS150002	03SS160002	03SS170002	03SS180002	03SS190002	03SS200002	03SS210002	03SS220002	03SS230002	03SS240002
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Dioxins (NG/KG)												
1,2,3,4,6,7,8,9-OCDD					2350 J			771 J			3400 J	
1,2,3,4,6,7,8,9-OCDF					82.2 J			0.3 UJ			10.3 J	
1,2,3,4,6,7,8-HPCDD					233			12.6			36.2	
1,2,3,4,6,7,8-HPCDF					32.1			0.19 J			11.8	
1,2,3,4,7,8,9-HPCDF					2.1 J			0.2 U			1.3 J	
1,2,3,4,7,8-HXCDD					2.1 J			0.2 U			0.9 J	
1,2,3,4,7,8-HXCDF					2.1 BU			0.08 U			3.9 BJ	
1,2,3,6,7,8-HXCDD					10.1			0.1 U			1.2 J	
1,2,3,6,7,8-HXCDF					2.4 J			0.08 U			1.7 J	
1,2,3,7,8,9-HXCDD					6.5			0.35 J			2.6 J	
1,2,3,7,8,9-HXCDF					0.35 U			0.1 U			0.22 J	
1,2,3,7,8-PECDD					1.3 J			0.1 U			0.67 J	
1,2,3,7,8-PECDF					0.38 U			0.08 U			0.99 J	
2,3,4,6,7,8-HXCDF					2.7 J			0.08 U			2 J	
2,3,4,7,8-PECDF					0.58 J			0.08 U			1.4 J	
2,3,7,8-TCDD					0.43 J			0.19 J			0.31 J	
2,3,7,8-TCDF					0.5 J			0.08 U			0.85 U	
TEQ BIRD					5			0.32			4.1	
TEQ FISH					4.6			0.29			3.5	
TEQ HUMAN					7.4			0.43			3.8	
TOTAL HPCDD					419			31.6			80.2	
TOTAL HPCDF					93.9 U			0.19			19	
TOTAL HXCDD					59.1 U			2.7 U			16.1 U	
TOTAL HXCDF					61.2 U			0.09 U			17.8	
TOTAL PECDD					10.4 U			0.1 U			7.8 U	
TOTAL PECDF					20.9 U			0.08 U			19.5 U	
TOTAL TCDD					1			0.37 U			4.2 U	
TOTAL TCDF					8 U			0.32 U			25.9 U	
Volatile Organics (UG/KG)												
1,1,1,2-TETRACHLOROETHANE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 U	4.8 U
1,1,1-TRICHLOROETHANE					4.7 U	8.7 U	0.96 U	5 U	13 J	5.1 U	2 J	4.8 U
1,1,2,2-TETRACHLOROETHANE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 UJ	4.8 U
1,1,2-TRICHLOROETHANE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 UJ	4.8 U
1,1-DICHLOROETHANE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 U	4.8 U
1,1-DICHLOROETHENE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 U	4.8 U
1,2,3-TRICHLOROPROPANE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 U	4.8 U
1,2-DIBROMO-3-CHLOROPROPANE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 U	4.8 U
1,2-DIBROMOETHANE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 U	4.8 U
1,2-DICHLOROETHANE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 U	4.8 U
1,2-DICHLOROPROPANE					95 U	195 U	105 U	120 U	110 U	100 U	125 U	100 U
1,4-DIOXANE					4.7 U	8.7 U	0.96 UJ	5 U	12 U	5.1 U	1.2 U	4.8 U
2-BUTANONE					4.7 U	8.7 U	0.96 UJ	5 U	12 U	5.1 U	1.2 U	4.8 U
2-HEXANONE					4.7 UJ	8.7 U	0.96 U	5 U	12 U	5.1 UJ	1.2 U	4.8 UJ
3-CHLOROPROPENE					4.7 U	8.7 U	0.96 UJ	5 U	12 U	5.1 U	1.2 U	4.8 U
4-METHYL-2-PENTANONE					4.7 U	86 BU	13 U	74 BU	230 BU	48 BU	1.2 UR	4.8 U
ACETONE					38 U	80 U	41 U	48.5 U	43 U	40 U	50 U	39 U
ACETONITRILE					4.7 UR	8.7 U	0.96 UJ	5 UR	12 UR	5.1 UR	1.2 U	4.8 UR
ACROLEIN					4.7 UR	8.7 UR	0.96 UR	5 UR	12 UR	5.1 UR	1.2 UR	4.8 UR
ACRYLONITRILE												

TABLE E-1

SUMMARY OF ANALYTIC RESULTS IN SURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB13	03SB14	03SB15	03SB16	03SB17	03SB18	03SB19	03SB20	03SB21	03SB22	03SB23	03SB24
NSAMPLE	03SS130002	03SS140002	03SS150002	03SS160002	03SS170002	03SS180002	03SS190002	03SS200002	03SS210002	03SS220002	03SS230002	03SS240002
SAMPLE	03SS130002	03SS140002	03SS150002	03SS160002	03SS170002	03SS180002	03SS190002	03SS200002	03SS210002	03SS220002	03SS230002	03SS240002
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
BENZENE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 U	4.8 U
BROMODICHLOROMETHANE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 U	4.8 U
BROMOFORM					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 UJ	1.2 UJ	4.8 U
BROMOMETHANE					4.7 UJ	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 U	4.8 UJ
CARBON DISULFIDE					4.7 UJ	8.7 U	0.96 UJ	5 U	12 U	5.1 UJ	1.2 UJ	4.8 UJ
CARBON TETRACHLORIDE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 U	4.8 U
CHLOROBENZENE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 UJ	4.8 U
CHLORODIBROMOMETHANE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 U	4.8 U
CHLOROETHANE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 U	4.8 U
CHLOROFORM					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 U	4.8 U
CHLOROMETHANE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 UJ	4.8 U
CHLOROPRENE					4.7 UJ	8.7 U	0.96 UJ	5 U	12 U	5.1 U	1.2 U	4.8 U
CIS-1,2-DICHLOROETHENE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 U	4.8 U
CIS-1,3-DICHLOROPROPENE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 UJ	4.8 U
DIBROMOMETHANE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 U	4.8 U
DICHLORODIFLUOROMETHANE					4.7 UJ	8.7 U	0.96 UJ	5 U	12 U	5.1 UJ	1.2 U	4.8 UJ
ETHYL METHACRYLATE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 U	4.8 U
ETHYLBENZENE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 UJ	4.8 U
ISOBUTANOL					38 U	80 U	41 U	48.5 U	43 U	40 U	50 U	39 U
METHACRYLONITRILE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 U	4.8 U
METHYL IODIDE					4.7 UJ	8.7 UJ	0.96 UJ	5 UJ	12 UJ	5.1 UJ	1.2 UJ	4.8 UJ
METHYL METHACRYLATE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 U	4.8 U
METHYLENE CHLORIDE					12 BU	16 BU	2 BU	33 BU	32 BU	10 BU	6 BU	11 BU
PROPIONITRILE					38 U	80 U	41 U	48.5 U	43 U	40 U	50 U	39 U
STYRENE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 UJ	4.8 U
TETRACHLOROETHENE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	3 J	4.8 U
TOLUENE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 UJ	4.8 U
TOTAL XYLENES					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 UJ	4.8 U
TRANS-1,2-DICHLOROETHENE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 U	4.8 U
TRANS-1,3-DICHLOROPROPENE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 U	4.8 U
TRANS-1,4-DICHLORO-2-BUTENE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 U	4.8 U
TRICHLOROETHENE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	14 J	4.8 U
TRICHLOROFLUOROMETHANE					4.7 UJ	8.7 U	0.96 UJ	5 U	12 U	5.1 U	1.2 U	4.8 U
VINYL ACETATE					4.7 UJ	8.7 U	0.96 UJ	5 UJ	12 UJ	5.1 UJ	1.2 U	4.8 UJ
VINYL CHLORIDE					4.7 U	8.7 U	0.96 U	5 U	12 U	5.1 U	1.2 U	4.8 U
Semivolatile Organics (UG/KG)												
1,2,4,5-TETRACHLOROBENZENE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
1,2,4-TRICHLOROBENZENE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 UJ	77 UJ
1,2-DICHLOROBENZENE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
1,3-DICHLOROBENZENE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
1,4-DICHLOROBENZENE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
1,4-NAPHTHOQUINONE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
1,4-PHENYLENEDIAMINE	76 UJ	78 UJ	76 UJ	78 UJ	76 UR	82 U	80 UJ	81 UR	80 UR	82 UJ	87 U	77 UR
1-NAPHTHYLAMINE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
2,2'-OXYBIS(1-CHLOROPROPANE)	76 UJ	78 U	76 UJ	78 UJ	76 UJ	82 U	80 U	81 UJ	80 UJ	82 U	87 U	77 UJ
2,3,4,6-TETRACHLOROPHENOL	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 UJ	82 U	87 U	77 UJ
2,4,5-TRICHLOROPHENOL	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 UJ	82 U	87 U	77 UJ
2,4,6-TRICHLOROPHENOL	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 UJ	82 U	87 U	77 UJ
2,4-DICHLOROPHENOL	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 UJ	82 U	87 U	77 UJ
2,4-DIMETHYLPHENOL	76 U	78 U	76 UR	78 U	76 U	82 U	80 U	81 U	80 UJ	82 U	87 U	77 UJ

TABLE E-1

SUMMARY OF ANALYTIC RESULTS IN SURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB13	03SB14	03SB15	03SB16	03SB17	03SB18	03SB19	03SB20	03SB21	03SB22	03SB23	03SB24
NSAMPLE	03SS130002	03SS140002	03SS150002	03SS160002	03SS170002	03SS180002	03SS190002	03SS200002	03SS210002	03SS220002	03SS230002	03SS240002
SAMPLE	03SS130002	03SS140002	03SS150002	03SS160002	03SS170002	03SS180002	03SS190002	03SS200002	03SS210002	03SS220002	03SS230002	03SS240002
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
2,4-DINITROPHENOL	76 UJ	78 UJ	76 U	78 UJ	76 U	82 UJ	80 UJ	81 U	80 UJ	82 U	87 UJ	77 UJ
2,6-DICHLOROPHENOL	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 UJ	82 UJ	87 U	77 UJ
2-ACETYLAMINOFLUORENE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 UJ	82 U	87 U	77 UJ
2-CHLORONAPHTHALENE	76 U	78 U	76 UJ	78 UJ	76 U	82 U	80 U	81 U	80 U	82 U	87 UJ	77 UJ
2-CHLOROPHENOL	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 UJ	82 U	87 UJ	77 UJ
2-METHYLNAPHTHALENE	55 U	1.5 U	1.51 U	1.51 U	1.5 U	6.4 U	1.5 U	1.5 U	1.5 U	1.6 U	1.7 U	290
2-METHYLPHENOL	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 UJ	82 U	87 U	77 UJ
2-NAPHTHYLAMINE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
2-NITROANILINE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
2-NITROPHENOL	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 UJ	82 U	87 U	77 UJ
2-PICOLINE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
3&4-METHYLPHENOL	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 UJ	82 U	87 U	77 UJ
3,3'-DICHLOROBENZIDINE	76 U	78 U	76 UR	78 UR	76 U	82 U	80 U	81 U	80 U	82 U	87 UJ	77 UJ
3,3'-DIMETHYLBENZIDINE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
3-METHYLCHOLANTHRENE	76 UJ	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
3-NITROANILINE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 UJ	77 UJ
4,6-DINITRO-2-METHYLPHENOL	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 UJ	82 U	87 U	77 UJ
4-AMINOBIPHENYL	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
4-BROMOPHENYL PHENYL ETHER	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 UJ	77 UJ
4-CHLORO-3-METHYLPHENOL	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 UJ	82 U	87 UJ	77 UJ
4-CHLOROANILINE	76 U	78 U	76 UR	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 UJ	77 UJ
4-CHLOROPHENYL PHENYL ETHER	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
4-NITROANILINE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
4-NITROPHENOL	76 UJ	78 U	76 U	78 U	76 U	82 U	80 UJ	81 U	80 UJ	82 UJ	87 U	77 UJ
4-NITROQUINOLINE-1-OXIDE	76 UR	78 UJ	76 UR	78 UR	76 UR	82 U	80 UR	81 UR	80 UR	82 UR	87 U	77 UR
5-NITRO-O-TOLUIDINE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
7,12-DIMETHYLBENZ(A)ANTHRACENE	76 UJ	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
A,A-DIMETHYLPHENETHYLAMINE	76 UJ	78 U	76 UJ	78 UJ	76 U	82 UJ	80 UJ	81 U	80 U	82 UJ	87 UJ	77 UJ
ACENAPHTHENE	55 U	1.5 U	1.51 U	1.51 U	1.5 U	6.4 U	1.5 U	1.5 U	1.5 U	1.6 U	1.7 U	18
ACENAPHTHYLENE	55 U	1.5 U	1.51 U	1.51 U	1.5 U	6.4 U	1.5 U	1.5 U	1.5 U	1.6 U	1.7 U	11
ACETOPHENONE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
ANILINE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
ANTHRACENE	55 U	1.5 U	1.51 U	1.51 U	1.5 U	6.4 U	1.5 U	1.5 U	1.5 U	1.6 U	1.7 U	380 U
ARAMITE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
BENZO(A)ANTHRACENE	55 UJ	1.5 U	1.51 U	1.51 U	1.5 U	37	1.5 U	1.5 U	1.5 U	1.6 U	1.7 U	380 U
BENZO(A)PYRENE	55 UJ	1.5 U	1.51 U	1.51 U	1.5	52	10	1.5 U	1.5 U	1.6 U	1.7 U	54
BENZO(B)FLUORANTHENE	55 UJ	14	12	1.51 U	11	160	24	1.5 U	1.5 U	1.6 U	1.7 U	160
BENZO(G,H,I)PERYLENE	55 UJ	8	1.51 U	1.51 U	15	67	13	1.5 U	1.5 U	1.6 U	1.7 U	30
BENZO(K)FLUORANTHENE	55 UJ	1.5 U	1.51 U	1.51 U	1.5 U	6.4 U	1.5 U	1.5 U	1.5 U	1.6 U	1.7 U	8 U
BENZYL ALCOHOL	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 UJ	82 U	87 U	77 UJ
BIS(2-CHLOROETHOXY)METHANE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 UJ	77 UJ
BIS(2-CHLOROETHYL)ETHER	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
BIS(2-ETHYLHEXYL)PHTHALATE	170 U	84 J	76 U	78 U	76 U	870	80 U	81 U	80 U	100 J	230 J	210 J
BUTYL BENZYL PHTHALATE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
CHLOROBENZILATE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
CHRYSENE	55 UJ	10	1.51 U	8	1.5 U	68	11	1.5 U	1.5 U	1.6 U	1.7 U	380 U
DI-N-BUTYL PHTHALATE	1200	78 U	76 U	150 J	760	4500	140 J	81 U	80 U	82 U	87 U	77 UJ
DI-N-OCTYL PHTHALATE	76 UJ	78 UR	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
DIALLATE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
DIBENZO(A,H)ANTHRACENE	55 UJ	1.5 U	1.51 U	1.51 U	1.5 U	6.4 U	1.5 U	1.5 U	1.5 U	1.6 U	1.7 U	8

TABLE E-1

SUMMARY OF ANALYTIC RESULTS IN SURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB13	03SB14	03SB15	03SB16	03SB17	03SB18	03SB19	03SB20	03SB21	03SB22	03SB23	03SB24
NSAMPLE	03SS130002	03SS140002	03SS150002	03SS160002	03SS170002	03SS180002	03SS190002	03SS200002	03SS210002	03SS220002	03SS230002	03SS240002
SAMPLE	03SS130002	03SS140002	03SS150002	03SS160002	03SS170002	03SS180002	03SS190002	03SS200002	03SS210002	03SS220002	03SS230002	03SS240002
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
DIBENZOFURAN	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 UJ	77 UJ
DIETHYL PHTHALATE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
DIMETHYL PHTHALATE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
DIPHENYLAMINE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 UJ	77 UJ
ETHYL METHANE SULFONATE	76 U	78 U	76 U	78 UJ	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
ETHYL PARATHION	76 UJ	78 U	76 U	78 U	76 U	82 U	80 UJ	81 U	80 U	82 UJ	87 U	77 UJ
FLUORANTHENE	55 U	1.5 U	10	1.51 U	1.5 U	59	12	1.5 U	1.5 U	1.6 U	1.7 U	250
FLUORENE	55 U	1.5 U	1.51 U	1.51 U	1.5 U	6.4 U	1.5 U	1.5 U	1.5 U	1.6 U	1.7 U	15
HEXACHLOROBENZENE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
HEXACHLOROBUTADIENE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
HEXACHLOROCYCLOPENTADIENE	76 U	78 UJ	76 UJ	78 UJ	76 U	82 U	80 U	81 U	80 U	82 U	87 UJ	77 UJ
HEXACHLOROETHANE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
HEXACHLOROPROPENE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
INDENO(1,2,3-CD)PYRENE	55 UJ	1.5 U	1.51 U	1.51 U	8	49 J	10	1.5 U	1.5 U	1.6 U	1.7 U	28
ISODRIN	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
ISOPHORONE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
ISOSAFROLE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
KEPONE	76 UR	78 UR	76 UR	78 UR	76 UR	82 UR	80 UR	81 UR	80 UR	82 UR	87 UR	77 UR
METHAPYRILENE	76 U	78 U	76 U	78 U	76 UJ	82 U	80 U	81 UJ	80 UJ	82 U	87 U	77 UJ
METHYL METHANE SULFONATE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
METHYL PARATHION	76 U	78 U	76 U	78 U	76 U	82 UJ	80 U	81 U	80 U	82 U	87 UJ	77 UJ
N-NITROSO-DI-N-BUTYLAMINE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
N-NITROSO-DI-N-PROPYLAMINE	76 UJ	78 U	76 UJ	78 UJ	76 U	82 U	80 UJ	81 U	80 U	82 UJ	87 U	77 UJ
N-NITROSODIETHYLAMINE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
N-NITROSODIMETHYLAMINE	76 U	78 UJ	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
N-NITROSOMETHYLETHYLAMINE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
N-NITROSOMORPHOLINE	76 UJ	78 U	76 UJ	78 UJ	76 UJ	82 U	80 UJ	81 UJ	80 UJ	82 UJ	87 U	77 UJ
N-NITROSOPIPERIDINE	76 UJ	78 U	76 UJ	78 UJ	76 UJ	82 U	80 UJ	81 UJ	80 UJ	82 UJ	87 U	77 UJ
N-NITROSOPYRROLIDINE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
NAPHTHALENE	55 U	1.5 U	1.1	1.51 U	1.5 U	33	1.5 U	1.5 U	1.5 U	1.6 U	1.7 U	130
O,O,O-TRIETHYL PHOSPHOROTHIOATE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
O-TOLUIDINE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
P-(DIMETHYLAMINO)AZOBENZENE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
PENTACHLOROBENZENE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
PENTACHLOROETHANE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
PENTACHLORONITROBENZENE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
PHENACETIN	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
PHENANTHRENE	55 U	1.5 U	14	1.51 U	1.5 U	42	1.5 U	1.5 U	1.5 U	1.6 U	1.7 U	320
PHENOL	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 UJ	82 U	87 U	77 UJ
PRONAMIDE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
PYRENE	55 U	8	14	1.51 U	1.5 UJ	62	12	1.5 U	1.5 U	1.6 UJ	1.7 U	250
PYRIDINE	76 U	78 UJ	76 U	78 U	76 UJ	82 U	80 U	81 UJ	80 UJ	82 U	87 U	77 UJ
SAFROLE	76 U	78 U	76 U	78 U	76 U	82 U	80 U	81 U	80 U	82 U	87 U	77 UJ
Energetics (MG/KG)												
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1.2	0.25 U	0.25 U	0.72	0.25 U	11 J
1,3-DINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.39 J	0.25 U	0.25 U	2	0.25 U	0.25 U	510	0.25 U	1700 J
2,4-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 J
2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-AMINO-4,6-DINITROTOLUENE	0.82	0.25 U	0.25 U	0.56	0.25 U	0.72	2.3	0.25 U	0.25 U	1.2	0.25 U	30 J

TABLE E-1

SUMMARY OF ANALYTIC RESULTS IN SURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB13	03SB14	03SB15	03SB16	03SB17	03SB18	03SB19	03SB20	03SB21	03SB22	03SB23	03SB24
NSAMPLE	03SS130002	03SS140002	03SS150002	03SS160002	03SS170002	03SS180002	03SS190002	03SS200002	03SS210002	03SS220002	03SS230002	03SS240002
SAMPLE	03SS130002	03SS140002	03SS150002	03SS160002	03SS170002	03SS180002	03SS190002	03SS200002	03SS210002	03SS220002	03SS230002	03SS240002
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
2-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.83	0.25 U	0.25 U	0.35 J	0.25 U	0.43 J	1.4	0.25 U	0.25 U	2	0.25 U	15 J
4-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.34 U	0.25 U	0.25 U	0.25 U	0.25 U	0.72	14	0.25 U	0.36 J	77	0.25 U	1600 J
NITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
NITROCELLULOSE	560 U	570 U	550 U	0.25 U	550 U	600 UJ	570 U	600 U	560 U	600 U	590 UJ	540 U
NITROGLYCERIN	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
PETN	0.25 U	1.5 U	0.25 U	0.25 U	1.5 U	1.6 U	1.5 U	1.6 U	1.5 U	1.6 U	1.7 U	1.5 U
RDX	0.93	0.25 U	0.25 U	0.25 U	0.25 U	1.2	6.2	0.25 U	0.25 U	140	0.25 U	2400 J
TETRYL	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Pesticides/PCB's (UG/KG)												
4,4'-DDD												
4,4'-DDE												
4,4'-DDT												
ALDRIN												
ALPHA-BHC												
ALPHA-CHLORDANE												
AROCLOR-1016												
AROCLOR-1221												
AROCLOR-1232												
AROCLOR-1242												
AROCLOR-1248												
AROCLOR-1254												
AROCLOR-1260												
BETA-BHC												
DELTA-BHC												
DIELDRIN												
ENDOSULFAN I												
ENDOSULFAN II												
ENDOSULFAN SULFATE												
ENDRIN												
ENDRIN ALDEHYDE												
ENDRIN KETONE												
GAMMA-BHC (LINDANE)												
GAMMA-CHLORDANE												
HEPTACHLOR												
HEPTACHLOR EPOXIDE												
METHOXYCHLOR												
TOXAPHENE												
Herbicides (UG/KG)												
2,4,5-T												
2,4,5-TP (SILVEX)												
2,4-D												
DINOSEB												
HEXACHLOROPHENE												
PENTACHLOROPHENOL												
Inorganics (MG/KG)												
ALUMINUM					5970 J	8770 J	11900 J	7020 J	6440 J	12800 J	7890 J	14000 J
ANTIMONY					0.19 U	0.42 U	0.69 J	0.23 U	0.48 U	0.74 J	1.5 U	4.4 J

TABLE E-1

SUMMARY OF ANALYTIC RESULTS IN SURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB13	03SB14	03SB15	03SB16	03SB17	03SB18	03SB19	03SB20	03SB21	03SB22	03SB23	03SB24
NSAMPLE	03SS130002	03SS140002	03SS150002	03SS160002	03SS170002	03SS180002	03SS190002	03SS200002	03SS210002	03SS220002	03SS230002	03SS240002
SAMPLE	03SS130002	03SS140002	03SS150002	03SS160002	03SS170002	03SS180002	03SS190002	03SS200002	03SS210002	03SS220002	03SS230002	03SS240002
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
ARSENIC					9.9 J	2.8 U	3 J	3.3 J	6.9 J	4.5 J	5.3 J	8.5 J
BARIUM					93.1 J	156 J	103 J	120 J	149 J	118 J	420 J	150 J
BERYLLIUM					0.57 J	1.4	0.78 J	0.78 J	0.82 J	0.77 J	0.48	0.33 J
CADMIUM					0.55	1.7	0.84	0.92 U	0.42	0.63	1.1	4.4
CALCIUM					111000 J	73400 J	5150 J	3300 J	1680 J	16400 J	1700 J	54500 J
CHROMIUM					16.4 J	11.6 J	16.5 J	7.7 J	10.8 J	15.6 J	11.2 J	12.2 J
COBALT					12.3 J	10.6	11.7 J	9.6 J	14.6 J	11.6 J	10.6	7.4 J
COPPER					7.3 J	12.8 J	15.1 J	6.4 J	8.7 J	23.1 J	53.7 J	34.5 J
IRON					28600 J	13700 J	20900 J	8280 J	18600 J	19700 J	15500 J	13500 J
LEAD					21.2 J	244 J	14.7 J	11.3 J	16.2 J	27.6 J	54.7 J	10200 J
MAGNESIUM					5820 J	4980 J	2860 J	644 J	556 J	2890 J	1160 J	1740 J
MANGANESE					796 J	322 J	260 J	1090 J	1390 J	788 J	741 J	292 J
MERCURY					0.023 J	0.019 J	0.038	0.025 J	0.031 J	0.046	0.18 J	0.068
NICKEL					17.9 J	32.6 J	20.2 J	8.9 J	14.8 J	17.7 J	12.9 J	14 J
POTASSIUM					333 J	2180 J	632 J	330 J	434 J	700 J	698 J	539 J
SELENIUM					0.18 J	0.3	0.17 U	0.28 J	0.3 J	0.25 J	0.32	0.17 J
SILVER					0.04 U	0.05 U	0.04 U	0.05 U	0.04 U	0.15 U	0.11 U	0.62 J
SODIUM					598 J	89.7 U	48.8 U	430 J	394 J	88.9 U	56.2 U	89.8 U
THALLIUM					0.09	0.08	0.09	0.11	0.11	0.12	0.11	0.07
TIN					0.18 U	0.57 U	0.64 U	0.29 U	0.37 U	0.54 U	1.7 U	1.4 U
VANADIUM					20.5 J	13.9	21.1 J	12.3 J	16.3 J	22.4 J	17.6	13.7 J
ZINC					44.6 J	68.9 J	56.7 J	19.5 J	37.4 J	79.2 J	189 J	211 J
Miscellaneous Parameters (MG/KG)												
NITRATE MG/KG	3.3	1.3	2.3	1.4	3.7 J	4.2	2.1	2.3 J	3.3 J	6.4	2.6	49
NITRITE MG/KG	6 UR	12 UJ	11 UR	11 UR	11 UJ	12 UJ	11 U	4.7 UJ	18 U	11 U	44 UJ	11 U
NITRITE/NITRATE MG/KG	3.3 J	1.3 J	2.3 J	1.4 J	3.7 J	4.2 J	2.1 J	2.3 J	3.3 J	6.4 J	2.6 J	49 J
PERCHLORATE	22 UJ	23 UJ	22 UJ	23 UJ	22 U	20 U	24 U	25 U	23 U	470 J	20 U	210 J
Miscellaneous Parameters (%)												
PERCENT MOISTURE	9.5	12	10.6	12.6	10.2	23.4	16.5	19.2	13.7	21	21.4	15.1

TABLE E-1

SUMMARY OF ANALYTIC RESULTS IN SURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB25	03SB26	03SB27	03SB28	03SB29	03SB30	03SB31	03SB32	03SB33	03SB34	03SB35	03SB36
NSAMPLE	03SS250002	03SS260002	03SS270002	03SS280002	03SS290002	03SS300002	03SS310002	03SS320002	03SS330002	03SS340002	03SS350002	03SS360002
SAMPLE	03SS250002	03SS260002	03SS270002	03SS280002	03SS290002	03SS300002	03SS310002	03SS320002	03SS330002	03SS340002	03SS350002	03SS360002
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 1.1	0 - 1.65	0 - 2	0 - 2	0 - 1.1	0 - 2	0 - 2	0 - 2
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Dioxins (NG/KG)												
1,2,3,4,6,7,8,9-OCDD	1120 J	1590 J			705 J	823 J	622 J	209 J	176 J			
1,2,3,4,6,7,8,9-OCDF	0.3 UJ	7.8 J			0.88 BU	0.95 BU	0.87 BU	1.8 BU	0.57 BU			
1,2,3,4,6,7,8-HPCDD	16.1	33.8			13.5 J	10 J	8.2 J	3.8 BJ	3.2 BJ			
1,2,3,4,6,7,8-HPCDF	0.17 U	7.5			0.45 U	0.53 BU	0.28 U	0.71 BU	0.4 BU			
1,2,3,4,7,8,9-HPCDF	0.2 U	0.7 J			0.2 U	0.2 U	0.1 U	0.87 J	0.4 U			
1,2,3,4,7,8-HXCDD	0.18 U	0.87 J			0.24 BU	0.25 U	0.17 BU	0.74 BU	0.3 U			
1,2,3,4,7,8-HXCDF	0.09 U	3.1 BJ			0.2 BU	0.25 BU	0.14 BU	0.55 U	0.23 U			
1,2,3,6,7,8-HXCDD	0.23 U	1.5 J			0.33 J	0.29 U	0.1 U	0.54 J	0.3 U			
1,2,3,6,7,8-HXCDF	0.09 U	1.4 J			0.1 U	0.19 J	0.06 U	0.48 J	0.2 U			
1,2,3,7,8,9-HXCDD	0.44 U	2.5 J			0.41 BU	0.55 BU	0.32 BU	0.76 BU	0.35 U			
1,2,3,7,8,9-HXCDF	0.1 U	0.22 U			0.1 U	0.27 U	0.08 U	0.65 U	0.2 U			
1,2,3,7,8-PECDD	0.1 U	0.67 J			0.1 UJ	0.2 UJ	0.08 UJ	0.45 J	0.2 UJ			
1,2,3,7,8-PECDF	0.07 U	1.1 J			0.09 U	0.1 U	0.06 U	0.2 U	0.2 U			
2,3,4,6,7,8-HXCDF	0.09 U	1.3 J			0.1 U	0.13 U	0.07 U	0.8 J	0.13 U			
2,3,4,7,8-PECDF	0.07 U	1.1 J			0.09 U	0.15 U	0.06 U	0.67 U	0.2 U			
2,3,7,8-TCDD	0.08 U	3.9			0.1 U	0.1 U	0.08 U	0.2 U	0.2 U			
2,3,7,8-TCDF	0.07 U	0.55 J			0.09 U	0.1 U	0.06 U	0.2 U	0.73 J			
TEQ BIRD	0.13	7.5			0.087	0.091	0.07	0.8	0.75			
TEQ FISH	0.13	6.5			0.087	0.091	0.07	0.8	0.057			
TEQ HUMAN	0.27	6.9			0.24	0.18	0.14	0.88	0.12			
TOTAL HPCDD	40.2	68.3			28.5 J	20.8 J	15 J	6.9 U	6.7 J			
TOTAL HPCDF	0.17 U	13.1			0.83 U	1.1 J	0.68 U	1.8 J	0.84 U			
TOTAL HXCDD	3.9 U	17 U			4	3.2 U	1.4 U	2	1.7 U			
TOTAL HXCDF	0.07 U	15.2 U			0.8 U	1.2 U	0.47 U	2.3 U	0.96 U			
TOTAL PECDD	0.27 U	6.5 U			0.1 UJ	0.2 UJ	0.08 UJ	0.45 J	0.2 UJ			
TOTAL PECDF	0.08 U	16.5 U			0.09 U	0.15 U	0.06 U	0.67 U	0.61 U			
TOTAL TCDD	0.18 U	7.5 U			0.1 U	0.1 U	0.08 U	0.2 U	0.2 U			
TOTAL TCDF	0.4 U	16.8 U			0.09 U	0.1 U	0.06 U	0.2 U	1 U			
Volatile Organics (UG/KG)												
1,1,1,2-TETRACHLOROETHANE	0.93 U	1.1 U	1.5 U	10 U								
1,1,1-TRICHLOROETHANE	0.93 U	2 J	1.5 U	19 J								
1,1,2,2-TETRACHLOROETHANE	0.93 U	1.1 U	1.5 U	10 U								
1,1,2-TRICHLOROETHANE	0.93 U	1.1 U	1.5 U	10 U								
1,1-DICHLOROETHANE	0.93 U	1.1 U	1.5 U	10 U								
1,1-DICHLOROETHENE	0.93 U	1.1 U	1.5 U	10 U								
1,2,3-TRICHLOROPROPANE	0.93 U	1.1 U	1.5 U	10 U								
1,2-DIBROMO-3-CHLOROPROPANE	0.93 U	1.1 U	1.5 U	10 U								
1,2-DIBROMOETHANE	0.93 U	1.1 U	1.5 U	10 U								
1,2-DICHLOROETHANE	0.93 U	1.1 U	1.5 U	10 U								
1,2-DICHLOROPROPANE	0.93 U	1.1 U	1.5 U	10 U								
1,4-DIOXANE	90 U	115 U	135 U	115 U								
2-BUTANONE	0.93 U	1.1 U	1.5 U	10 U								
2-HEXANONE	0.93 U	1.1 U	1.5 U	10 U								
3-CHLOROPROPENE	0.93 UJ	1.1 U	1.5 U	10 U								
4-METHYL-2-PENTANONE	0.93 U	1.1 U	1.5 U	10 U								
ACETONE	0.93 U	1.1 UR	1.5 UR	89 BU								
ACETONITRILE	36.5 U	47 U	55 U	45.5 U								
ACROLEIN	0.93 UR	1.1 U	1.5 U	10 U								
ACRYLONITRILE	0.93 UR	1.1 UR	1.5 UR	10 UR								

TABLE E-1

SUMMARY OF ANALYTIC RESULTS IN SURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB25	03SB26	03SB27	03SB28	03SB29	03SB30	03SB31	03SB32	03SB33	03SB34	03SB35	03SB36
NSAMPLE	03SS250002	03SS260002	03SS270002	03SS280002	03SS290002	03SS300002	03SS310002	03SS320002	03SS330002	03SS340002	03SS350002	03SS360002
SAMPLE	03SS250002	03SS260002	03SS270002	03SS280002	03SS290002	03SS300002	03SS310002	03SS320002	03SS330002	03SS340002	03SS350002	03SS360002
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 1.1	0 - 1.65	0 - 2	0 - 2	0 - 1.1	0 - 2	0 - 2	0 - 2
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
BENZENE	0.93 U	1.1 U	1.5 U	10 U								
BROMODICHLOROMETHANE	0.93 U	1.1 U	1.5 U	10 U								
BROMOFORM	0.93 U	1.1 U	1.5 U	10 U								
BROMOMETHANE	0.93 U	1.1 U	1.5 U	10 U								
CARBON DISULFIDE	0.93 U	1.1 U	1.5 U	10 U								
CARBON TETRACHLORIDE	0.93 U	1.1 U	1.5 U	10 U								
CHLOROBENZENE	0.93 U	1.1 U	1.5 U	10 U								
CHLORODIBROMOMETHANE	0.93 U	1.1 U	1.5 U	10 U								
CHLOROETHANE	0.93 U	1.1 U	1.5 U	10 U								
CHLOROFORM	0.93 U	1.1 U	1.5 U	10 U								
CHLOROMETHANE	0.93 U	1.1 U	1.5 U	10 U								
CHLOROPRENE	0.93 U	1.1 U	1.5 U	10 U								
CIS-1,2-DICHLOROETHENE	0.93 U	1.1 U	1.5 U	10 U								
CIS-1,3-DICHLOROPROPENE	0.93 U	1.1 U	1.5 U	10 U								
DIBROMOMETHANE	0.93 U	1.1 U	1.5 U	10 U								
DICHLORODIFLUOROMETHANE	0.93 U	1.1 U	1.5 U	10 U								
ETHYL METHACRYLATE	0.93 U	1.1 U	1.5 U	10 U								
ETHYLBENZENE	0.93 U	1.1 U	1.5 U	10 U								
ISOBUTANOL	36.5 U	47 U	55 U	45.5 U								
METHACRYLONITRILE	0.93 U	1.1 U	1.5 U	10 U								
METHYL IODIDE	0.93 UJ	1.1 UJ	1.5 UJ	10 UJ								
METHYL METHACRYLATE	0.93 U	1.1 U	1.5 U	10 U								
METHYLENE CHLORIDE	8 BU	3 BU	2 BU	15 BU								
PROPIONITRILE	36.5 U	47 U	55 U	45.5 U								
STYRENE	0.93 U	1.1 U	1.5 U	10 U								
TETRACHLOROETHENE	0.93 U	1 J	1.5 U	10 U								
TOLUENE	0.93 U	1.1 U	1.5 U	10 U								
TOTAL XYLENES	0.93 U	1.1 U	1.5 U	10 U								
TRANS-1,2-DICHLOROETHENE	0.93 U	1.1 U	1.5 U	10 U								
TRANS-1,3-DICHLOROPROPENE	0.93 U	1.1 U	1.5 U	10 U								
TRANS-1,4-DICHLORO-2-BUTENE	0.93 U	1.1 U	1.5 U	10 U								
TRICHLOROETHENE	0.93 U	4	1.5 U	10 U								
TRICHLOROFLUOROMETHANE	0.93 U	1.1 U	1.5 U	10 U								
VINYL ACETATE	0.93 U	1.1 U	1.5 U	10 U								
VINYL CHLORIDE	0.93 U	1.1 U	1.5 U	10 U								
Semivolatile Organics (UG/KG)												
1,2,4,5-TETRACHLOROBENZENE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
1,2,4-TRICHLOROBENZENE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
1,2-DICHLOROBENZENE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
1,3-DICHLOROBENZENE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
1,4-DICHLOROBENZENE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
1,4-NAPHTHOQUINONE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
1,4-PHENYLENEDIAMINE	76 UJ	83 UR	91 UR	95 UR	80 UR	78 UR	79 UR	80 UR	74 UR	210 J	80 U	77 UR
1-NAPHTHYLAMINE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
2,2'-OXYBIS(1-CHLOROPROPANE)	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
2,3,4,6-TETRACHLOROPHENOL	76 UR	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 UJ	80 U	77 U
2,4,5-TRICHLOROPHENOL	76 UJ	83 U	91 U	95 U	80 U	78 U	79 UJ	80 U	74 U	76 UJ	80 U	77 U
2,4,6-TRICHLOROPHENOL	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 UJ	80 U	77 U
2,4-DICHLOROPHENOL	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 UJ	76 UJ	80 U	77 U
2,4-DIMETHYLPHENOL	76 UJ	83 U	91 U	95 U	80 U	78 U	79 UJ	80 U	74 U	76 UJ	80 U	77 U

TABLE E-1

SUMMARY OF ANALYTIC RESULTS IN SURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB25	03SB26	03SB27	03SB28	03SB29	03SB30	03SB31	03SB32	03SB33	03SB34	03SB35	03SB36
NSAMPLE	03SS250002	03SS260002	03SS270002	03SS280002	03SS290002	03SS300002	03SS310002	03SS320002	03SS330002	03SS340002	03SS350002	03SS360002
SAMPLE	03SS250002	03SS260002	03SS270002	03SS280002	03SS290002	03SS300002	03SS310002	03SS320002	03SS330002	03SS340002	03SS350002	03SS360002
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 1.1	0 - 1.65	0 - 2	0 - 2	0 - 1.1	0 - 2	0 - 2	0 - 2
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
2,4-DINITROPHENOL	76 UJ	83 U	91 U	95 U	80 UJ	78 UJ	79 UJ	80 UJ	74 UJ	76 UJ	80 UJ	77 UJ
2,6-DICHLOROPHENOL	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 UJ	80 U	77 U
2-ACETYLAMINOFLUORENE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
2-CHLORONAPHTHALENE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 UJ	80 U	74 U	76 U	80 U	77 U
2-CHLOROPHENOL	76 UR	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 UJ	80 U	77 U
2-METHYLNAPHTHALENE	1.5 U	24	1.8 U	1.8 U	1.6 U	1.5 U	1.5 U	1.5 U	1.4 U	1.3 UJ	1.5 U	1.5 U
2-METHYLPHENOL	76 UR	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 UJ	80 U	77 U
2-NAPHTHYLAMINE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
2-NITROANILINE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
2-NITROPHENOL	76 UR	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 UJ	80 U	77 U
2-PICOLINE	76 UJ	83 U	91 U	95 U	80 UJ	78 UJ	79 UJ	80 UJ	74 UJ	76 U	80 U	77 U
3&4-METHYLPHENOL	76 UR	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 UJ	80 U	77 U
3,3'-DICHLOROBENZIDINE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
3,3'-DIMETHYLBENZIDINE	76 UJ	83 U	91 U	95 U	80 UJ	78 UJ	79 UJ	80 UJ	74 UJ	76 U	80 U	77 U
3-METHYLCHOLANTHRENE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
3-NITROANILINE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
4,6-DINITRO-2-METHYLPHENOL	76 UR	83 U	91 U	95 U	80 UJ	78 UJ	79 UJ	80 UJ	74 U	76 UJ	80 U	77 UJ
4-AMINOBIPHENYL	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
4-BROMOPHENYL PHENYL ETHER	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
4-CHLORO-3-METHYLPHENOL	76 UR	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 UJ	80 U	77 U
4-CHLOROANILINE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
4-CHLOROPHENYL PHENYL ETHER	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
4-NITROANILINE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
4-NITROPHENOL	76 UR	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 UJ	80 U	77 UJ
4-NITROQUINOLINE-1-OXIDE	76 UJ	83 U	91 U	95 U	80 UJ	78 UJ	79 UJ	80 UJ	74 UJ	76 U	80 U	77 UR
5-NITRO-O-TOLUIDINE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
7,12-DIMETHYLBENZ(A)ANTHRACENE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
A,A-DIMETHYLPHENETHYLAMINE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 UJ	77 U
ACENAPHTHENE	1.5 U	1.6 U	1.8 U	1.8 U	1.6 U	1.5 U	1.5 U	1.5 U	1.4 U	1.3 UJ	1.5 U	1.5 U
ACENAPHTHYLENE	1.5 U	1.6 U	1.8 U	1.8 U	1.6 U	1.5 U	1.5 U	1.5 U	1.4 U	1.3 UJ	1.5 U	1.5 U
ACETOPHENONE	76 UJ	83 U	91 U	95 U	210 BU	220 BU	200 BU	120 BU	130 BU	76 U	80 U	77 U
ANILINE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
ANTHRACENE	1.5 U	1.6 U	1.8 U	1.8 U	1.6 U	1.5 U	1.5 U	1.5 U	1.4 U	1.3 UJ	1.5 U	1.5 U
ARAMITE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
BENZO(A)ANTHRACENE	1.5 U	1.6 U	1.8 U	1.8 U	1.6 U	1.5 U	1.5 U	1.5 U	1.4 U	1.3 UJ	1.5 U	1.5 U
BENZO(A)PYRENE	1.5 U	1.6 U	1.8 U	1.8 U	1.6 U	1.5 U	1.5 U	1.5 U	1.4 U	1.3 UJ	1.5 U	1.5 U
BENZO(B)FLUORANTHENE	1.5 U	20	1.8 U	1.8 U	12	14	11	1.5 U	1.4 U	1.3 UJ	1.5 U	1.5 U
BENZO(G,H,I)PERYLENE	1.5 U	10	1.8 U	1.8 U	1.6 U	1.5 U	1.5 U	1.5 U	1.4 U	1.3 UJ	1.5 U	1.5 U
BENZO(K)FLUORANTHENE	1.5 U	1.6 U	1.8 U	1.8 U	1.6 U	1.5 U	1.5 U	1.5 U	1.4 U	1.3 UJ	1.5 U	1.5 U
BENZYL ALCOHOL	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
BIS(2-CHLOROETHOXY)METHANE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
BIS(2-CHLOROETHYL)ETHER	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
BIS(2-ETHYLHEXYL)PHTHALATE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
BUTYL BENZYL PHTHALATE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
CHLOROBENZILATE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
CHRYSENE	1.5 U	12	1.8 U	1.8 U	1.6 U	1.5 U	1.5 U	1.5 U	1.4 U	1.3 UJ	1.5 U	1.5 U
DI-N-BUTYL PHTHALATE	76 UJ	980	91 U	110 J	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
DI-N-OCTYL PHTHALATE	270 J	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 UR	80 U	77 U
DIALLATE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
DIBENZO(A,H)ANTHRACENE	1.5 U	1.6 U	1.8 U	1.8 U	1.6 U	1.5 U	1.5 U	1.5 U	1.4 U	1.3 UJ	1.5 U	1.5 U

TABLE E-1.

SUMMARY OF ANALYTIC RESULTS IN SURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB25	03SB26	03SB27	03SB28	03SB29	03SB30	03SB31	03SB32	03SB33	03SB34	03SB35	03SB36
NSAMPLE	03SS250002	03SS260002	03SS270002	03SS280002	03SS290002	03SS300002	03SS310002	03SS320002	03SS330002	03SS340002	03SS350002	03SS360002
SAMPLE	03SS250002	03SS260002	03SS270002	03SS280002	03SS290002	03SS300002	03SS310002	03SS320002	03SS330002	03SS340002	03SS350002	03SS360002
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 1.1	0 - 1.65	0 - 2	0 - 2	0 - 1.1	0 - 2	0 - 2	0 - 2
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
DIBENZOFURAN	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
DIETHYL PHTHALATE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
DIMETHYL PHTHALATE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
DIPHENYLAMINE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
ETHYL METHANE SULFONATE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
ETHYL PARATHION	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
FLUORANTHENE	1.5 U	15	1.8 U	1.8 U	8	1.5 U	1.5 U	1.5 U	1.4 U	1.3 UJ	1.5 U	1.5 U
FLUORENE	1.5 U	1.6 U	1.8 U	1.8 U	1.6 U	1.5 U	1.5 U	1.5 U	1.4 U	1.3 UJ	1.5 U	1.5 U
HEXACHLOROBENZENE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
HEXACHLOROBUTADIENE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
HEXACHLOROCYCLOPENTADIENE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 UJ	80 U	77 UJ
HEXACHLOROETHANE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
HEXACHLOROPROPENE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
INDENO(1,2,3-CD)PYRENE	1.5 U	1.6 U	1.8 U	1.8 U	1.6 U	1.5 U	1.5 U	1.5 U	1.4 U	1.3 UJ	1.5 U	1.5 U
ISODRIN	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
ISOPHORONE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
ISOSAFROLE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
KEPONE	76 UR	83 UR	91 UR	95 UR	80 UR	78 UR	79 UR	80 UR	74 UR	76 UR	80 UR	77 UR
METHAPYRILENE	76 UJ	83 U	91 U	95 U	80 UJ	78 UJ	79 UJ	80 UJ	74 UJ	76 U	80 U	77 U
METHYL METHANE SULFONATE	76 UJ	83 U	91 U	95 U	80 UJ	78 UJ	79 UJ	80 UJ	74 UJ	76 U	80 U	77 U
METHYL PARATHION	76 UJ	83 U	91 U	95 U	80 UJ	78 UJ	79 UJ	80 UJ	74 UJ	76 U	80 UJ	77 U
N-NITROSO-DI-N-BUTYLAMINE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
N-NITROSO-DI-N-PROPYLAMINE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
N-NITROSODIETHYLAMINE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
N-NITROSODIMETHYLAMINE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
N-NITROSOMETHYLETHYLAMINE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
N-NITROSOMORPHOLINE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
N-NITROSOPIPERIDINE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
N-NITROSOPYRROLIDINE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 UJ
NAPHTHALENE	1.5 U	19	1.8 U	1.8 U	1.6 U	1.5 U	1.5 U	1.5 U	1.4 U	1.3 UJ	1.5 U	1.5 U
O,O,O-TRIETHYL PHOSPHOROTHIOATE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
O-TOLUIDINE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
P-(DIMETHYLAMINO)AZOBENZENE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
PENTACHLOROBENZENE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
PENTACHLOROETHANE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
PENTACHLORONITROBENZENE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
PHENACETIN	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
PHENANTHRENE	1.5 U	15	1.8 U	1.8 U	1.6 U	1.5 U	1.5 U	1.5 U	1.4 U	1.3 UJ	1.5 U	1.5 U
PHENOL	76 UR	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 UJ	80 U	77 U
PRONAMIDE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
PYRENE	1.5 UJ	11	1.8 U	1.8 U	1.6 U	1.5 U	1.5 U	1.5 U	1.4 U	1.3 UJ	1.5 U	1.5 U
PYRIDINE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
SAFROLE	76 UJ	83 U	91 U	95 U	80 U	78 U	79 U	80 U	74 U	76 U	80 U	77 U
Energetics (MG/KG)												
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-DINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.77	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

TABLE E-1

SUMMARY OF ANALYTIC RESULTS IN SURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB25	03SB26	03SB27	03SB28	03SB29	03SB30	03SB31	03SB32	03SB33	03SB34	03SB35	03SB36
NSAMPLE	03SS250002	03SS260002	03SS270002	03SS280002	03SS290002	03SS300002	03SS310002	03SS320002	03SS330002	03SS340002	03SS350002	03SS360002
SAMPLE	03SS250002	03SS260002	03SS270002	03SS280002	03SS290002	03SS300002	03SS310002	03SS320002	03SS330002	03SS340002	03SS350002	03SS360002
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 1.1	0 - 1.65	0 - 2	0 - 2	0 - 1.1	0 - 2	0 - 2	0 - 2
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
2-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.28 J	0.25 U	0.25 U	0.25 U
3-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	1	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.25 U	58	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
NITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
NITROCELLULOSE	570 U	600 UJ	650 UJ	680 UJ	600 U	580 U	590 U	590 U	560 U	560 U	570 UJ	570 U
NITROGLYCERIN	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
PETN	1.5 U	1.6 U	1.8 U	1.8 U	1.6 U	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.5 U	1.5 U
RDX	0.25 U	4.3	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
TETRYL	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Pesticides/PCB's (UG/KG)												
4,4'-DDD					2 U	2 U	2 U	2 U	1.9 U			
4,4'-DDE					2 U	2 U	2 U	2 U	1.9 U			
4,4'-DDT					2 UJ	2 UJ	2 UJ	2 U	1.9 U			
ALDRIN					1.1 U	1.1 U	1.1 U	1.1 U	1 U			
ALPHA-BHC					1.1 U	1.1 U	1.1 U	1.1 U	1 U			
ALPHA-CHLORDANE					1.1 U	1.1 U	1.1 U	1.1 U	1 U			
AROCLOR-1016					20 U	20 U	20 U	20 U	19 U			
AROCLOR-1221					41 U	40 U	40 U	40 U	38 U			
AROCLOR-1232					20 U	20 U	20 U	20 U	19 U			
AROCLOR-1242					20 U	20 U	20 U	20 U	19 U			
AROCLOR-1248					20 U	20 U	20 U	20 U	19 U			
AROCLOR-1254					20 U	20 U	20 U	20 U	19 U			
AROCLOR-1260					20 U	20 U	20 U	20 U	19 U			
BETA-BHC					1.1 U	1.1 U	1.1 U	1.1 U	1 U			
DELTA-BHC					1.1 U	1.1 U	1.1 U	1.1 U	1 U			
DIELDRIN					2 U	2 U	2 U	2 U	1.9 U			
ENDOSULFAN I					1.1 U	1.1 U	1.1 U	1.1 U	1 U			
ENDOSULFAN II					2 U	2 U	2 U	2 U	1.9 U			
ENDOSULFAN SULFATE					2 U	2 U	2 U	2 U	1.9 U			
ENDRIN					2 UJ	2 UJ	2 UJ	2 U	1.9 U			
ENDRIN ALDEHYDE					2 U	2 U	2 UJ	2 U	1.9 U			
ENDRIN KETONE					2 U	2 U	2 U	2 U	1.9 U			
GAMMA-BHC (LINDANE)					1.1 U	1.1 U	1.1 U	1.1 U	1 U			
GAMMA-CHLORDANE					1.1 U	1.1 U	1.1 U	1.1 U	1 U			
HEPTACHLOR					1.1 U	1.1 U	1.1 U	1.1 U	1 U			
HEPTACHLOR EPOXIDE					1.1 U	1.1 U	1.1 U	1.1 U	1 U			
METHOXYCHLOR					11 U	11 U	11 U	11 U	10 U			
TOXAPHENE					110 U	110 U	110 U	110 U	100 U			
Herbicides (UG/KG)												
2,4,5-T					1.7 U	1.6 U	1.7 U	6.4	1.6 U			
2,4,5-TP (SILVEX)					1.7 U	1.6 U	1.7 U	1.7 U	1.6 U			
2,4-D					7.6 J	6.7	1.7 U	8.3 J	1.6 U			
DINOSEB					11	8 R	1.7 U	2.3 R	1.6 U			
HEXACHLOROPHENE					8 U	7.6 U	7.9 U	8 U	7.4 U			
PENTACHLOROPHENOL					0.41 U	1.1 R	0.4 U	4.8 R	0.38 U			
Inorganics (MG/KG)												
ALUMINUM	6570 J	7060 J	14900 J	10000 J	6300 J	6060 J	8380 J	5970 J	2350 J	7130 J	7670 J	7800 J
ANTIMONY	0.48 U	1.8 J	1.1 U	0.69 U	0.49 J	0.84 J	0.35 U	0.49 U	0.35 U	0.41 U	2.3 J	0.32 U

TABLE E-1

SUMMARY OF ANALYTIC RESULTS IN SURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB25	03SB26	03SB27	03SB28	03SB29	03SB30	03SB31	03SB32	03SB33	03SB34	03SB35	03SB36
NSAMPLE	03SS250002	03SS260002	03SS270002	03SS280002	03SS290002	03SS300002	03SS310002	03SS320002	03SS330002	03SS340002	03SS350002	03SS360002
SAMPLE	03SS250002	03SS260002	03SS270002	03SS280002	03SS290002	03SS300002	03SS310002	03SS320002	03SS330002	03SS340002	03SS350002	03SS360002
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 1.1	0 - 1.65	0 - 2	0 - 2	0 - 1.1	0 - 2	0 - 2	0 - 2
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
ARSENIC	6.5 J	6.8 J	7.4 J	7.3 J	7.4 J	6 J	6.8 J	6.5 J	28.4 J	5.8 J	6.3 J	5.1
BARIUM	107 J	565 J	187 J	313 J	114 J	105 J	66.2 J	80 J	81.3 J	103 J	178 J	77 J
BERYLLIUM	1	0.55	0.91	0.75	1	1.1	0.62	0.67	0.2 U	1.2	1	0.45
CADMIUM	0.48	1.2	2.4	0.82	1.2	0.46	0.31 U	0.4	0.66	0.5	1.2	0.35
CALCIUM	4240 J	3860 J	3050 J	1750 J	15700 J	26100 J	22800 J	3540 J	244000 J	14400 J	2620 J	18900 J
CHROMIUM	19 J	12.4 J	288 J	52.4 J	18.4 J	22 J	21.2 J	15.3 J	11.9 J	22.6 J	33.5 J	13.2 J
COBALT	18.1 J	13.8	13.6	13.7	17.3 J	17.1 J	12.9 J	12 J	3 J	19.9 J	16.4	14 J
COPPER	9.1 J	46.6 J	63.9 J	41.7 J	10 J	9.3 J	8.2 J	7.9 J	8.7 J	10.2 J	39.8 J	8 J
IRON	26900 J	17100 J	23800 J	28400 J	27800 J	34300 J	22800 J	21100 J	15300 J	51600 J	39600 J	20800 J
LEAD	18 J	66 J	36 J	22.8 J	26.8 J	20.9 J	20.8 J	14.4 J	9.2 J	19.8 J	60.3 J	12.8 J
MAGNESIUM	851 J	948 J	2620 J	1330 J	1790 J	2860 J	2260 J	827 J	15000 J	858 J	789 J	2660 J
MANGANESE	1530 J	1150 J	837 J	1470 J	1170 J	1210 J	853 J	1020 J	321 J	1490 J	1290 J	917 J
MERCURY	0.021 J	0.093 J	0.17 J	0.26 J	0.04	0.03	0.2	0.02	0.02 U	0.023 J	0.12 J	0.027 J
NICKEL	19.2 J	13.6 J	24.1 J	21.5 J	23.2 J	19.4 J	9 J	12.5 J	14.4 J	27.3 J	22 J	10 J
POTASSIUM	409 J	688 J	1890 J	908 J	459 J	414 J	437 J	411 J	395 J	502 J	535 J	626 J
SELENIUM	0.37 J	0.33	0.42	0.3	0.42	0.25	0.18 U	0.29	0.18 U	0.22 J	0.23	0.23
SILVER	0.5 J	0.05 U	0.12 U	0.07 U	0.04 U	0.08 U	0.4 U	0.6 U	0.04 U	0.04 U	0.8 U	0.04 U
SODIUM	126 J	49 U	73 U	69.7 U	23.7 U	21 U	40.7 U	61.6 U	178 U	146 J	25.7 U	183 U
THALLIUM	0.11	0.11	0.21	0.17	0.11	0.11	0.12	0.1	0.05	0.1	0.19	0.1
TIN	0.32 U	1.7 U	2.3 U	0.98 U	0.58 U	0.46 U	0.51 U	0.5 U	0.4 U	0.32 U	1.2 U	0.32 U
VANADIUM	22.2 J	18	29.1	24.4	23	24.2	24	17.8	10.8	21.8 J	28.9	14.3 J
ZINC	38.7 J	191 J	145 J	739 J	55.7 J	48.9 J	27.1 J	29.5 J	48.2 J	49 J	120 J	30.2 J
Miscellaneous Parameters (MG/KG)												
NITRATE MG/KG	20	3.6	2.9	3.2	2.4	1.7	1.3	1.8	13	1.2	4.8	2.4
NITRITE MG/KG	11 UJ	24 UJ	2.7 UJ	14 UJ	2.3 UJ	2.3 UJ	2.3 UJ	2.2 UJ	2.2 UJ	1.1 UJ	12 UJ	11 UR
NITRITE/NITRATE MG/KG	20 J	3.6 J	2.9 J	3.2 J	2.4	1.7	1.3	1.8	13	1.2 J	4.8 J	2.4 J
PERCHLORATE	23 U	20 U	20 U	20 U	24 UJ	23 UJ	23 UJ	24 UJ	21 UJ	22 UJ	24 UJ	23 UJ
Miscellaneous Parameters (%)												
PERCENT MOISTURE	12.7	20.9	25.6	23.7	18.7	12	12	15.6	6.9	10.7	16.6	13.3

TABLE E-1

SUMMARY OF ANALYTIC RESULTS IN SURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB37	03SB38	03SB39	03SB40	03SB41	03SB42	03SB43	03SB44	03SB45	03SB46	03SB47	03SB48
NSAMPLE	03SS370002	03SS380002	03SS390002	03SS400002	03SS410002	03SS420002	03SS430002	03SS440002	03SS450002	03SS460002	03SS470002	03SS480002
SAMPLE	03SS370002	03SS380002	03SS390002	03SS400002	03SS410002	03SS420002	03SS430002	03SS440002	03SS450002	03SS460002	03SS470002	03SS480002
SACODE	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Dioxins (NG/KG)												
1,2,3,4,6,7,8,9-OCDD											3440 J	
1,2,3,4,6,7,8,9-OCDF											2.1 UJ	
1,2,3,4,6,7,8-HPCDD											26.9	
1,2,3,4,6,7,8-HPCDF											2.1 J	
1,2,3,4,7,8,9-HPCDF											0.2 U	
1,2,3,4,7,8-HXCDD											0.58 J	
1,2,3,4,7,8-HXCDF											0.74 BU	
1,2,3,6,7,8-HXCDD											0.76 U	
1,2,3,6,7,8-HXCDF											0.37 J	
1,2,3,7,8,9-HXCDD											1.8 J	
1,2,3,7,8,9-HXCDF											0.1 U	
1,2,3,7,8-PECDD											0.4 J	
1,2,3,7,8-PECDF											0.37 J	
2,3,4,6,7,8-HXCDF											0.43 J	
2,3,4,7,8-PECDF											0.39 J	
2,3,7,8-TCDD											0.24 J	
2,3,7,8-TCDF											0.78 J	
TEQ BIRD											2.5	
TEQ FISH											1.7	
TEQ HUMAN											1.9	
TOTAL HPCDD											58.3	
TOTAL HPCDF											3.1 U	
TOTAL HXCDD											10.4 U	
TOTAL HXCDF											3.2	
TOTAL PECDD											3.4 U	
TOTAL PECDF											3.9 U	
TOTAL TCDD											0.84 U	
TOTAL TCDF											4.2 U	
Volatile Organics (UG/KG)												
1,1,1,2-TETRACHLOROETHANE										2.1 U	11 U	0.94 U
1,1,1-TRICHLOROETHANE										2.1 U	11 U	0.94 U
1,1,2,2-TETRACHLOROETHANE										2.1 U	11 U	0.94 UJ
1,1,2-TRICHLOROETHANE										2.1 U	11 U	0.94 UJ
1,1-DICHLOROETHANE										2.1 U	11 U	0.94 UJ
1,1-DICHLOROETHENE										2.1 U	11 U	0.94 UJ
1,2,3-TRICHLOROPROPANE										2.1 U	11 U	0.94 U
1,2-DIBROMO-3-CHLOROPROPANE										2.1 U	11 U	0.94 U
1,2-DIBROMOETHANE										2.1 U	11 U	0.94 U
1,2-DICHLOROETHANE										2.1 U	11 U	0.94 U
1,2-DICHLOROPROPANE										2.1 U	11 U	0.94 UJ
1,4-DIOXANE										120 U	90 U	90 U
2-BUTANONE										2.1 U	11 U	0.94 UJ
2-HEXANONE										5 J	11 U	0.94 U
3-CHLOROPROPENE										2.1 U	11 U	0.94 UJ
4-METHYL-2-PENTANONE										4 J	11 U	0.94 U
ACETONE										49 BU	220 BU	0.94 U
ACETONITRILE										46 U	36 U	36.6 U
ACROLEIN										2.1 UR	11 UR	0.94 UR
ACRYLONITRILE										2.1 UR	11 UR	0.94 UR

TABLE E-1

SUMMARY OF ANALYTIC RESULTS IN SURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB37	03SB38	03SB39	03SB40	03SB41	03SB42	03SB43	03SB44	03SB45	03SB46	03SB47	03SB48
NSAMPLE	03SS370002	03SS380002	03SS390002	03SS400002	03SS410002	03SS420002	03SS430002	03SS440002	03SS450002	03SS460002	03SS470002	03SS480002
SAMPLE	03SS370002	03SS380002	03SS390002	03SS400002	03SS410002	03SS420002	03SS430002	03SS440002	03SS450002	03SS460002	03SS470002	03SS480002
SACODE	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
BENZENE										2.1 U	11 U	0.94 UJ
BROMODICHLOROMETHANE										2.1 U	11 U	0.94 U
BROMOFORM										2.1 U	11 U	0.94 UJ
BROMOMETHANE										2.1 U	11 U	0.94 U
CARBON DISULFIDE										2.1 U	11 U	0.94 U
CARBON TETRACHLORIDE										2.1 U	11 U	0.94 U
CHLOROBENZENE										2.1 U	11 U	0.94 UJ
CHLORODIBROMOMETHANE										2.1 U	11 U	0.94 UJ
CHLOROETHANE										2.1 U	11 U	0.94 U
CHLOROFORM										2.1 U	11 U	0.94 U
CHLOROMETHANE										2.1 U	11 U	0.94 U
CHLOROPRENE										2.1 U	11 U	0.94 U
CIS-1,2-DICHLOROETHENE										2.1 U	11 U	0.94 UJ
CIS-1,3-DICHLOROPROPENE										2.1 U	11 U	0.94 UJ
DIBROMOMETHANE										2.1 U	11 U	0.94 U
DICHLORODIFLUOROMETHANE										2.1 U	11 U	0.94 U
ETHYL METHACRYLATE										2.1 U	11 U	0.94 U
ETHYLBENZENE										2.1 U	11 U	0.94 UJ
ISOBUTANOL										48 U	36 U	36.5 U
METHACRYLONITRILE										2.1 U	11 U	0.94 U
METHYL IODIDE										2.1 UJ	11 UJ	0.94 UJ
METHYL METHACRYLATE										2.1 U	11 U	0.94 U
METHYLENE CHLORIDE										11 BU	59 BU	5 BU
PROPIONITRILE										48 U	36 U	36.5 U
STYRENE										2.1 U	11 U	0.94 UJ
TETRACHLOROETHENE										2.1 U	11 U	0.94 UJ
TOLUENE										2.1 U	11 U	0.94 UJ
TOTAL XYLENES										2.1 U	82	0.94 UJ
TRANS-1,2-DICHLOROETHENE										2.1 U	11 U	0.94 UJ
TRANS-1,3-DICHLOROPROPENE										2.1 U	11 U	0.94 UJ
TRANS-1,4-DICHLORO-2-BUTENE										2.1 U	11 U	0.94 U
TRICHLOROETHENE										2.1 U	11 U	3 J
TRICHLOROFLUOROMETHANE										2.1 U	11 U	0.94 U
VINYL ACETATE										2.1 UJ	11 UJ	0.94 U
VINYL CHLORIDE										2.1 U	11 U	0.94 U
Semivolatile Organics (UG/KG)												
1,2,4,5-TETRACHLOROBENZENE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
1,2,4-TRICHLOROBENZENE	79 UJ	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
1,2-DICHLOROBENZENE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
1,3-DICHLOROBENZENE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
1,4-DICHLOROBENZENE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
1,4-NAPHTHOQUINONE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
1,4-PHENYLENEDIAMINE	79 UJ	82 UJ	76 UR	77 UR	86 U	76 UR	98 U	76 UJ	94 U	74 UJ	76 UJ	78 UJ
1-NAPHTHYLAMINE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
2,2'-OXYBIS(1-CHLOROPROPANE)	79 UJ	82 UJ	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
2,3,4,6-TETRACHLOROPHENOL	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 UJ	76 UJ	78 U
2,4,5-TRICHLOROPHENOL	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 UJ	76 UJ	78 U
2,4,6-TRICHLOROPHENOL	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 UJ	76 UJ	78 U
2,4-DICHLOROPHENOL	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 UJ	76 UJ	78 U
2,4-DIMETHYLPHENOL	79 UJ	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 UJ	76 UJ	78 U

TABLE E-1

SUMMARY OF ANALYTIC RESULTS IN SURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB37	03SB38	03SB39	03SB40	03SB41	03SB42	03SB43	03SB44	03SB45	03SB46	03SB47	03SB48
NSAMPLE	03SS370002	03SS380002	03SS390002	03SS400002	03SS410002	03SS420002	03SS430002	03SS440002	03SS450002	03SS460002	03SS470002	03SS480002
SAMPLE	03SS370002	03SS380002	03SS390002	03SS400002	03SS410002	03SS420002	03SS430002	03SS440002	03SS450002	03SS460002	03SS470002	03SS480002
SACODE	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
2,4-DINITROPHENOL	79 UJ	82 UJ	76 UJ	77 UJ	86 UJ	76 UJ	98 UJ	76 UJ	94 UJ	74 UJ	76 UJ	78 UJ
2,6-DICHLOROPHENOL	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 UJ	76 UJ	78 U
2-ACETYLAMINOFLUORENE	79 UJ	82 UJ	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
2-CHLORONAPHTHALENE	79 UJ	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
2-CHLOROPHENOL	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 UJ	76 UJ	78 U
2-METHYLNAPHTHALENE	1.5 U	1.6 U	1.5 U	1.5 U	1.7 U	1.5 U	1.9 U	1.5 U	1.8 U	1.4 U	1.5 U	1.5 U
2-METHYLPHENOL	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 UJ	76 UJ	78 U
2-NAPHTHYLAMINE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
2-NITROANILINE	79 UJ	82 UJ	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
2-NITROPHENOL	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 UJ	76 UJ	78 U
2-PICOLINE	79 UJ	82 UJ	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
3&4-METHYLPHENOL	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 UJ	76 UJ	78 U
3,3'-DICHLOROBENZIDINE	79 UR	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
3,3'-DIMETHYLBENZIDINE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
3-METHYLCHOLANTHRENE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
3-NITROANILINE	79 UJ	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
4,6-DINITRO-2-METHYLPHENOL	79 UJ	82 UJ	76 UJ	77 UJ	86 U	76 UJ	98 U	76 U	94 U	74 UJ	76 UJ	78 U
4-AMINOBIPHENYL	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
4-BROMOPHENYL PHENYL ETHER	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
4-CHLORO-3-METHYLPHENOL	79 UJ	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 UJ	76 UJ	78 U
4-CHLOROANILINE	79 UJ	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
4-CHLOROPHENYL PHENYL ETHER	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
4-NITROANILINE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
4-NITROPHENOL	79 UJ	82 UJ	76 UJ	77 UJ	86 U	76 UJ	98 U	76 U	94 U	74 UJ	76 UJ	78 UJ
4-NITROQUINOLINE-1-OXIDE	79 UR	77 UR	76 UR	77 UR	86 U	76 UR	98 U	76 UJ	94 U	74 UJ	76 UJ	78 UJ
5-NITRO-O-TOLUIDINE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
7,12-DIMETHYLBENZ(A)ANTHRACENE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
A,A-DIMETHYLPHENETHYLAMINE	79 UJ	82 U	76 U	77 U	86 UJ	76 U	98 UJ	76 U	94 UJ	74 U	76 U	78 U
ACENAPHTHENE	1.5 U	1.6 U	1.5 U	1.5 U	1.7 U	1.5 U	1.9 U	1.5 U	1.8 U	1.4 U	1.5 U	1.5 U
ACENAPHTHYLENE	1.5 U	1.6 U	1.5 U	1.5 U	1.7 U	1.5 U	1.9 U	1.5 U	1.8 U	1.4 U	1.5 U	1.5 U
ACETOPHENONE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
ANILINE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
ANTHRACENE	1.5 U	1.6 U	1.5 U	1.5 U	1.7 U	1.5 U	1.9 U	1.5 U	1.8 U	1.4 U	1.5 U	1.5 U
ARAMITE	79 UJ	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
BENZO(A)ANTHRACENE	1.5 U	1.6 U	1.5 U	1.5 U	1.7 U	1.5 U	1.9 U	8	1.8 U	1.4 U	1.5 U	1.5 U
BENZO(A)PYRENE	1.5 U	1.6 U	1.5 U	1.5 U	1.7 U	1.5 U	1.9 U	1.5 U	1.8 U	1.4 U	1.5 U	1.5 U
BENZO(B)FLUORANTHENE	1.5 U	1.6 U	1.5 U	1.5 U	1.7 U	1.5 U	1.9 U	30	1.8 U	1.4 U	1.5 U	1.5 U
BENZO(G,H,I)PERYLENE	1.5 U	1.6 U	1.5 U	1.5 U	1.7 U	1.5 U	1.9 U	1.5 U	1.8 U	1.4 U	1.5 U	1.5 U
BENZO(K)FLUORANTHENE	1.5 U	1.6 U	1.5 U	1.5 U	1.7 U	1.5 U	1.9 U	1.5 U	1.8 U	1.4 U	1.5 U	1.5 U
BENZYL ALCOHOL	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
BIS(2-CHLOROETHOXY)METHANE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
BIS(2-CHLOROETHYL)ETHER	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
BIS(2-ETHYLHEXYL)PHTHALATE	79 U	82 U	88 J	77 U	390 J	76 U	98 U	76 U	94 U	74 U	76 U	78 U
BUTYL BENZYL PHTHALATE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
CHLOROBENZILATE	79 UJ	82 UJ	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
CHRYSENE	1.5 U	1.6 U	1.5 U	1.5 U	1.7 U	1.5 U	1.9 U	12	1.8 U	1.4 U	1.5 U	1.5 U
DI-N-BUTYL PHTHALATE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	510	94 U	74 U	76 U	78 U
DI-N-OCTYL PHTHALATE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 UR	94 U	74 UR	76 UR	78 UR
DIALLATE	79 UJ	82 UJ	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
DIBENZO(A,H)ANTHRACENE	1.5 U	1.6 U	1.5 U	1.5 U	1.7 U	1.5 U	1.9 U	1.5 U	1.8 U	1.4 U	1.5 U	1.5 U

TABLE E-1

SUMMARY OF ANALYTIC RESULTS IN SURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB37	03SB38	03SB39	03SB40	03SB41	03SB42	03SB43	03SB44	03SB45	03SB46	03SB47	03SB48
NSAMPLE	03SS370002	03SS380002	03SS390002	03SS400002	03SS410002	03SS420002	03SS430002	03SS440002	03SS450002	03SS460002	03SS470002	03SS480002
SAMPLE	03SS370002	03SS380002	03SS390002	03SS400002	03SS410002	03SS420002	03SS430002	03SS440002	03SS450002	03SS460002	03SS470002	03SS480002
SACODE	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
DIBENZOFURAN	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
DIETHYL PHTHALATE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
DIMETHYL PHTHALATE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
DIPHENYLAMINE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
ETHYL METHANE SULFONATE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
ETHYL PARATHION	79 UJ	82 UJ	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
FLUORANTHENE	1.5 U	1.6 U	1.5 U	1.5 U	1.7 U	1.5 U	1.9 U	1.5 U	13	1.4 U	1.5 U	1.5 U
FLUORENE	1.5 U	1.6 U	1.5 U	1.5 U	1.7 U	1.5 U	1.9 U	1.5 U	1.8 U	1.4 U	1.5 U	1.5 U
HEXACHLOROBENZENE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
HEXACHLOROBUTADIENE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
HEXACHLOROCYCLOPENTADIENE	79 UJ	82 UJ	76 UJ	77 UJ	86 U	76 UJ	98 U	76 UJ	94 U	74 UJ	76 UJ	78 UJ
HEXACHLOROETHANE	79 UJ	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
HEXACHLOROPROPENE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
INDENO(1,2,3-CD)PYRENE	1.5 U	1.6 U	1.5 U	1.5 U	1.7 U	1.5 U	1.9 U	1.5 U	1.8 U	1.4 U	1.5 U	1.5 U
ISODRIN	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
ISOPHORONE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
ISOSAFROLE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
KEPONE	79 UR	82 UR	76 UR	77 UR	86 UR	76 UR	98 UR	76 UR	94 UR	74 UR	76 UR	78 UR
METHAPYRILENE	79 UJ	82 UJ	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
METHYL METHANE SULFONATE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
METHYL PARATHION	79 UJ	82 UJ	76 U	77 U	86 UJ	76 U	98 UJ	76 U	94 UJ	74 U	76 U	78 U
N-NITROSO-DI-N-BUTYLAMINE	79 UJ	82 UJ	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
N-NITROSO-DI-N-PROPYLAMINE	79 UJ	82 UJ	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
N-NITROSODIETHYLAMINE	79 UJ	82 UJ	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
N-NITROSODIMETHYLAMINE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 UJ	94 U	74 UJ	76 UJ	78 UJ
N-NITROSOMETHYLETHYLAMINE	79 UJ	82 UJ	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
N-NITROSOMORPHOLINE	79 UJ	82 UJ	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
N-NITROSOPIPERIDINE	79 UJ	82 UJ	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
N-NITROSOPYRROLIDINE	79 UJ	82 UJ	76 UJ	77 UJ	86 U	76 UJ	98 U	76 U	94 U	74 U	76 U	78 U
NAPHTHALENE	1.5 U	1.6 U	1.5 U	1.5 U	1.7 U	1.5 U	1.9 U	1.5 U	1.8 U	1.4 U	1.5 U	1.5 U
O,O,O-TRIETHYL PHOSPHOROTHIOATE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
O-TOLUIDINE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
P-(DIMETHYLAMINO)AZOBENZENE	79 UJ	82 UJ	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
PENTACHLOROBENZENE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
PENTACHLOROETHANE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
PENTACHLORONITROBENZENE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
PHENACETIN	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
PHENANTHRENE	1.5 U	1.6 U	1.5 U	1.5 U	1.7 U	1.5 U	1.9 U	1.5 U	1.8 U	1.4 U	1.5 U	1.5 U
PHENOL	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 UJ	76 UJ	78 U
PRONAMIDE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
PYRENE	1.5 U	1.6 U	1.5 U	1.5 U	1.7 U	1.5 U	1.9 U	8	13	1.4 U	1.5 U	1.5 UJ
PYRIDINE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 UJ	94 U	74 UJ	76 UJ	78 UJ
SAFROLE	79 U	82 U	76 U	77 U	86 U	76 U	98 U	76 U	94 U	74 U	76 U	78 U
Energetics (MG/KG)												
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-DINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

TABLE E-1

SUMMARY OF ANALYTIC RESULTS IN SURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA
PAGE 23 OF 24

LOCATION	03SB37	03SB38	03SB39	03SB40	03SB41	03SB42	03SB43	03SB44	03SB45	03SB46	03SB47	03SB48
NSAMPLE	03SS370002	03SS380002	03SS390002	03SS400002	03SS410002	03SS420002	03SS430002	03SS440002	03SS450002	03SS460002	03SS470002	03SS480002
SAMPLE	03SS370002	03SS380002	03SS390002	03SS400002	03SS410002	03SS420002	03SS430002	03SS440002	03SS450002	03SS460002	03SS470002	03SS480002
SACODE	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
2-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.25 U	2.1 R	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.51	0.25 U	0.25 U	0.25 U
NITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
NITROCELLULOSE	550 U	600 U	560 U	560 U	630 UJ	560 U	690 UJ	550 U	870 UJ	540 U	530 U	560 U
NITROGLYCERIN	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
PETN	1.5 U	1.8 U	1.5 U	1.5 U	1.7 U	1.5 U	1.9 U	1.5 U	1.8 U	1.4 U	1.5 U	1.5 U
RDX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
TETRYL	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Pesticides/PCB's (UG/KG)												
4,4'-DDD												
4,4'-DDE												
4,4'-DDT												
ALDRIN												
ALPHA-BHC												
ALPHA-CHLORDANE												
AROCLOR-1016												
AROCLOR-1221												
AROCLOR-1232												
AROCLOR-1242												
AROCLOR-1248												
AROCLOR-1254												
AROCLOR-1260												
BETA-BHC												
DELTA-BHC												
DIELDRIN												
ENDOSULFAN I												
ENDOSULFAN II												
ENDOSULFAN SULFATE												
ENDRIN												
ENDRIN ALDEHYDE												
ENDRIN KETONE												
GAMMA-BHC (LINDANE)												
GAMMA-CHLORDANE												
HEPTACHLOR												
HEPTACHLOR EPOXIDE												
METHOXYCHLOR												
TOXAPHENE												
Herbicides (UG/KG)												
2,4,5-T												
2,4,5-TP (SILVEX)												
2,4-D												
DINOSEB												
HEXACHLOROPHENE												
PENTACHLOROPHENOL												
Inorganics (MG/KG)												
ALUMINUM	9330 J	8160 J	6530 J	6850 J	7270 J	6870 J	8410 J	6260 J	7940 J	5380 J	5700 J	5740 J
ANTIMONY	0.58 U	2.8 U	0.29 U	0.37 U	1.3 U	0.44 U	0.58 U	0.34 U	2 J	0.45 U	0.53 U	0.46 U

TABLE E-1

SUMMARY OF ANALYTIC RESULTS IN SURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB37	03SB38	03SB39	03SB40	03SB41	03SB42	03SB43	03SB44	03SB45	03SB46	03SB47	03SB48
NSAMPLE	03SS370002	03SS380002	03SS390002	03SS400002	03SS410002	03SS420002	03SS430002	03SS440002	03SS450002	03SS460002	03SS470002	03SS480002
SAMPLE	03SS370002	03SS380002	03SS390002	03SS400002	03SS410002	03SS420002	03SS430002	03SS440002	03SS450002	03SS460002	03SS470002	03SS480002
SACODE	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
ARSENIC	5.8	4.4	6	5.3	5.6 J	4.6	4.4 U	4.5 J	5.7 J	6.4 J	8.4 J	4.4 J
BARIUM	95.6 J	177 J	132 J	113 J	429 J	118 J	75.7 J	108 J	31.1 J	72.2 J	112 J	2040 J
BERYLLIUM	0.77	0.58	0.79	0.73	0.52	0.8	0.54	0.62	0.55	1.1	0.91	0.55
CADMIUM	0.32 U	1.6	0.37	0.48	1.3	0.38	0.58	0.59	1.5	0.4	0.78	0.88
CALCIUM	1280 J	2230 J	10100 J	16800 J	2420 J	8790 J	7710 J	76500 J	2860 J	3870 J	1180 J	15400 J
CHROMIUM	10.4 J	8.6 J	11.2 J	13.6 J	10.6 J	11.8 J	12.6 J	11.8 J	10.2 J	28.8 J	19.9 J	23 J
COBALT	15 J	12.1 J	18.9 J	17.1 J	12.6	17.5 J	6.9	13.5 J	11.8	17.2 J	15.2 J	6.7 J
COPPER	10.8 J	54.6 J	8.1 J	9.8 J	62 J	8.9 J	13.7 J	12 J	54.9 J	18 J	23.5 J	14.4 J
IRON	18100 J	14600 J	26900 J	24200 J	15200 J	28800 J	12800 J	20200 J	14300 J	49700 J	30400 J	28800 J
LEAD	15.5 J	85.5 J	16.3 J	15.7 J	63.5 J	14.8 J	20.6 J	61.1 J	63.3 J	17.3 J	16 J	124 J
MAGNESIUM	1460 J	1080 J	1000 J	1110 J	1030 J	1240 J	1850 J	4120 J	935 J	567 J	634 J	1420 J
MANGANESE	379 J	1210 J	1760 J	1490 J	1160 J	1500 J	451 J	1270 J	1020 J	1120 J	1210 J	423 J
MERCURY	0.019 J	0.14 J	0.028 J	0.028 J	0.13 J	0.026 J	0.03 J	0.028 J	0.16 J	0.017 J	0.022 J	0.075 J
NICKEL	13.6 J	13.7 J	17 J	16 J	13.5 J	14.1 J	12.8 J	15.3 J	14.5 J	22.4 J	19 J	25.5 J
POTASSIUM	797 J	514 J	460 J	487 J	628 J	475 J	923 J	840 J	871 J	409 J	398 J	784 J
SELENIUM	0.29	0.27	0.33	0.28	0.35	0.3	0.28	0.26 J	0.34	0.17 J	0.24 J	0.17 J
SILVER	0.05 U	0.72	0.04 U	0.04 U	0.13 U	0.33	0.38 U	0.04 U	0.28 U	0.32 J	0.04 U	0.04 U
SODIUM	108 U	139 U	111 U	237 U	46.8 U	169 U	48.9 U	197 J	51.3 U	102 J	87.1 J	108 J
THALLIUM	0.1	0.09	0.11	0.11	0.1	0.11	0.11	0.09	0.1	0.08	0.09	0.08
TIN	0.35 U	1.7 U	0.17 U	0.22 U	6.5 U	1 U	0.5 U	0.23 U	2.1 U	0.42 U	0.42 U	11 U
VANADIUM	14.5 J	12.7 J	16.3 J	16.3 J	16	16.3 J	16.8	14.4 J	15.4	26.5 J	22.9 J	14.4 J
ZINC	33.7 J	142 J	34.4 J	42 J	230 J	36.2 J	44.8 J	51.2 J	211 J	62.9 J	43.9 J	79.7 J
Miscellaneous Parameters (MG/KG)												
NITRATE MG/KG	1.7	3	1.5	2.1	4.4	1.9	7.9	2.7	4.4	1.5	2.8	2.7
NITRITE MG/KG	22 UJ	28 UJ	2.2 UR	21 UR	21 UJ	11 UR	14 UJ	11 UJ	15 UJ	12 UJ	11 UJ	2.3 UJ
NITRITE/NITRATE MG/KG	1.7 J	3 J	1.5 J	2.1 J	4.4 J	1.9 J	7.9 J	2.7 J	4.4 J	1.5 J	2.8 J	2.7 J
PERCHLORATE	24 UJ	25 UJ	22 UJ	23 UJ	25 UJ	23 UJ	25 UJ	23 UJ	25 UJ	20 U	22 U	20 U
Miscellaneous Parameters (%)												
PERCENT MOISTURE	15.2	19.3	11	13	20.3	11.9	19.7	12.1	19.2	9.9	10.2	18.4

SUBSURFACE SOIL

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB02	03SB02	03SB04	03SB04	03SB05	03SB05	03SB06	03SB06	03SB07	03SB07	03SB08	03SB08
NSAMPLE	03SB020206	03SB020610	03SB040206	03SB040610	03SB050206	03SB050610	03SB060206	03SB060610	03SB070206	03SB070610	03SB080206	03SB080610
SAMPLE	03SB020206	03SB020610	03SB040206	03SB040610	03SB050206	03SB050610	03SB060206	03SB060610	03SB070206	03SB070610	03SB080206	03SB080610
SACODE	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL
DEPTH RANGE	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Dioxins (NG/KG))												
1,2,3,4,6,7,8,9-OCDD												
1,2,3,4,6,7,8,9-OCDF												
1,2,3,4,6,7,8-HPCDD												
1,2,3,4,6,7,8-HPCDF												
1,2,3,4,7,8,9-HPCDF												
1,2,3,4,7,8-HXCDD												
1,2,3,4,7,8-HXCDF												
1,2,3,6,7,8-HXCDD												
1,2,3,6,7,8-HXCDF												
1,2,3,7,8,9-HXCDD												
1,2,3,7,8,9-HXCDF												
1,2,3,7,8-PECDD												
1,2,3,7,8-PECDF												
2,3,4,6,7,8-HXCDF												
2,3,4,7,8-PECDF												
2,3,7,8-TCDD												
2,3,7,8-TCDF												
TEQ BIRD												
TEQ FISH												
TEQ HUMAN												
TOTAL HPCDD												
TOTAL HPCDF												
TOTAL HXCDD												
TOTAL HXCDF												
TOTAL PECDD												
TOTAL PECDF												
TOTAL TCDD												
TOTAL TCDF												
Volatile Organics (UG/KG))												
1,1,1,2-TETRACHLOROETHANE												
1,1,1-TRICHLOROETHANE												
1,1,2,2-TETRACHLOROETHANE												
1,1,2-TRICHLOROETHANE												
1,1-DICHLOROETHANE												
1,1-DICHLOROETHENE												
1,2,3-TRICHLOROPROPANE												
1,2-DIBROMO-3-CHLOROPROPANE												
1,2-DIBROMOETHANE												
1,2-DICHLOROETHANE												
1,2-DICHLOROPROPANE												
1,4-DIOXANE												
2-BUTANONE												
2-HEXANONE												
3-CHLOROPROPENE												
4-METHYL-2-PENTANONE												
ACETONE												
ACETONITRILE												
ACROLEIN												

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB02	03SB02	03SB04	03SB04	03SB05	03SB05	03SB06	03SB06	03SB07	03SB07	03SB08	03SB08
NSAMPLE	03SB020206	03SB020610	03SB040206	03SB040610	03SB050206	03SB050610	03SB060206	03SB060610	03SB070206	03SB070610	03SB080206	03SB080610
SAMPLE	03SB020206	03SB020610	03SB040206	03SB040610	03SB050206	03SB050610	03SB060206	03SB060610	03SB070206	03SB070610	03SB080206	03SB080610
SACODE	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL
DEPTH RANGE	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
ACRYLONITRILE												
BENZENE												
BROMODICHLOROMETHANE												
BROMOFORM												
BROMOMETHANE												
CARBON DISULFIDE												
CARBON TETRACHLORIDE												
CHLOROBENZENE												
CHLORODIBROMOMETHANE												
CHLOROETHANE												
CHLOROFORM												
CHLOROMETHANE												
CHLOROPRENE												
CIS-1,2-DICHLOROETHENE												
CIS-1,3-DICHLOROPROPENE												
DIBROMOMETHANE												
DICHLORODIFLUOROMETHANE												
ETHYL METHACRYLATE												
ETHYLBENZENE												
ISOBUTANOL												
METHACRYLONITRILE												
METHYL IODIDE												
METHYL METHACRYLATE												
METHYLENE CHLORIDE												
PROPIONITRILE												
STYRENE												
TETRACHLOROETHENE												
TOLUENE												
TOTAL XYLENES												
TRANS-1,2-DICHLOROETHENE												
TRANS-1,3-DICHLOROPROPENE												
TRANS-1,4-DICHLORO-2-BUTENE												
TRICHLOROETHENE												
TRICHLOROFLUOROMETHANE												
VINYL ACETATE												
VINYL CHLORIDE												
Semivolatile Organics (UG/KG)												
1,2,4,5-TETRACHLOROBENZENE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
1,2,4-TRICHLOROBENZENE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
1,2-DICHLOROBENZENE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
1,3-DICHLOROBENZENE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
1,4-DICHLOROBENZENE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
1,4-NAPHTHOQUINONE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
1,4-PHENYLENEDIAMINE	77 U	74 U	74 U	74 U	82 UJ	74 UJ	77 U	75 U	76 U	74 U	82 UJ	77 UJ
1-NAPHTHYLAMINE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
2,2'-OXYBIS(1-CHLOROPROPANE)	77 UJ	74 UJ	74 UJ	74 UJ	82 UJ	74 UJ	77 UJ	75 UJ	76 UJ	74 UJ	82 UJ	77 UJ
2,3,4,6-TETRACHLOROPHENOL	77 U	74 U	74 U	74 UJ	82 UJ	74 U	77 U	75 U	76 UJ	74 U	82 U	77 UJ
2,4,5-TRICHLOROPHENOL	77 U	74 U	74 U	74 UJ	82 UJ	74 U	77 U	75 U	76 UJ	74 U	82 U	77 UJ
2,4,6-TRICHLOROPHENOL	77 U	74 U	74 U	74 UJ	82 UJ	74 U	77 U	75 U	76 UJ	74 U	82 U	77 UJ

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB02	03SB02	03SB04	03SB04	03SB05	03SB05	03SB06	03SB06	03SB07	03SB07	03SB08	03SB08
NSAMPLE	03SB020206	03SB020610	03SB040206	03SB040610	03SB050206	03SB050610	03SB060206	03SB060610	03SB070206	03SB070610	03SB080206	03SB080610
SAMPLE	03SB020206	03SB020610	03SB040206	03SB040610	03SB050206	03SB050610	03SB060206	03SB060610	03SB070206	03SB070610	03SB080206	03SB080610
SACODE	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL
DEPTH RANGE	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
2,4-DICHLOROPHENOL	77 U	74 U	74 U	74 UJ	82 UJ	74 U	77 U	75 U	76 UJ	74 U	82 U	77 UJ
2,4-DIMETHYLPHENOL	77 U	74 U	74 U	74 UJ	82 UJ	74 U	77 UR	75 U	76 UJ	74 U	82 U	77 UJ
2,4-DINITROPHENOL	77 U	74 U	74 U	74 UJ	82 UJ	74 U	77 U	75 U	76 UJ	74 U	82 U	77 UJ
2,6-DICHLOROPHENOL	77 U	74 U	74 U	74 UJ	82 UJ	74 U	77 U	75 U	76 UJ	74 U	82 U	77 U
2-ACETYLAMINOFLUORENE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
2-CHLORONAPHTHALENE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 UJ	75 U	76 U	74 U	82 U	77 UJ
2-CHLOROPHENOL	77 U	74 U	74 U	74 UJ	82 UJ	74 U	77 U	75 U	76 UJ	74 U	82 U	77 UJ
2-METHYLNAPHTHALENE	1.49 U	1.44 U	1.44 U	1.44 U	1.59 U	1.43 U	1.49 U	1.46 U	1.48 U	1.43 U	1.55 U	1.49 U
2-METHYLPHENOL	77 U	74 U	74 U	74 UJ	82 UJ	74 U	77 UJ	75 U	76 UJ	74 U	82 U	77 U
2-NAPHTHYLAMINE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
2-NITROANILINE	77 UJ	74 UJ	74 UJ	74 UJ	82 UJ	74 U	77 UJ	75 UJ	76 UJ	74 UJ	82 U	77 U
2-NITROPHENOL	77 U	74 U	74 U	74 UJ	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 UJ
2-PICOLINE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
3&4-METHYLPHENOL	77 U	74 U	74 U	74 UJ	82 UJ	74 U	77 UJ	75 U	76 UJ	74 U	82 U	77 UJ
3,3'-DICHLOROBENZIDINE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 UR	75 U	76 U	74 U	82 U	77 U
3,3'-DIMETHYLBENZIDINE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
3-METHYLCHOLANTHRENE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
3-NITROANILINE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
4,6-DINITRO-2-METHYLPHENOL	77 U	74 U	74 U	74 UJ	82 UJ	74 U	77 U	75 U	76 UJ	74 U	82 U	77 UJ
4-AMINOBIPHENYL	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
4-BROMOPHENYL PHENYL ETHER	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
4-CHLORO-3-METHYLPHENOL	77 U	74 U	74 U	74 UJ	82 UJ	74 U	77 UJ	75 U	76 UJ	74 U	82 U	77 UJ
4-CHLOROANILINE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 UJ	75 U	76 U	74 U	82 U	77 U
4-CHLOROPHENYL PHENYL ETHER	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
4-NITROANILINE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
4-NITROPHENOL	77 UJ	74 UJ	74 UJ	74 UJ	82 UJ	74 U	77 UJ	75 UJ	76 UJ	74 UJ	82 U	77 UJ
4-NITROQUINOLINE-1-OXIDE	77 UR	74 UR	74 UR	74 UR	82 UR	74 UR	77 UR	75 UR	76 UR	74 UR	82 UR	77 UR
5-NITRO-O-TOLUIDINE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
7,12-DIMETHYLBENZ(A)ANTHRACENE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
A,A-DIMETHYLPHENETHYLAMINE	77 UJ	74 UJ	74 UJ	74 UJ	82 UJ	74 UJ	77 UJ	75 UJ	76 UJ	74 UJ	82 UJ	77 UJ
ACENAPHTHENE	1.49 U	1.44 U	1.44 U	1.44 U	1.59 U	1.43 U	1.49 U	1.46 U	1.48 U	1.43 U	1.55 U	1.49 U
ACENAPHTHYLENE	1.49 U	1.44 U	1.44 U	1.44 U	1.59 U	1.43 U	1.49 U	1.46 U	1.48 U	1.43 U	1.55 U	1.49 U
ACETOPHENONE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
ANILINE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
ANTHRACENE	1.49 U	1.44 U	1.44 U	1.44 U	1.59 U	1.43 U	1.49 U	1.46 U	1.48 U	1.43 U	1.55 U	1.49 U
ARAMITE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
BENZO(A)ANTHRACENE	1.49 U	1.44 U	1.44 U	1.44 U	1.59 U	1.43 U	1.49 U	1.46 U	1.48 U	1.43 U	1.55 U	1.49 U
BENZO(A)PYRENE	1.49 U	1.44 U	1.44 U	1.44 U	1.59 U	1.43 U	1.49 U	1.46 U	1.48 U	1.43 U	1.55 U	1.49 U
BENZO(B)FLUORANTHENE	1.49 U	1.44 U	1.44 U	1.44 U	1.59 U	1.43 U	1.49 U	1.46 U	1.48 U	1.43 U	1.55 U	1.49 U
BENZO(G,H,I)PERYLENE	1.49 U	1.44 U	1.44 U	1.44 U	1.59 U	1.43 U	1.49 U	1.46 U	1.48 U	1.43 U	1.55 U	1.49 U
BENZO(K)FLUORANTHENE	1.49 U	1.44 U	1.44 U	1.44 U	1.59 U	1.43 U	1.49 U	1.46 U	1.48 U	1.43 U	1.55 U	1.49 U
BENZYL ALCOHOL	77 U	74 U	74 U	74 UJ	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 UJ
BIS(2-CHLOROETHOXY)METHANE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 UJ	75 U	76 U	74 U	82 U	77 U
BIS(2-CHLOROETHYL)ETHER	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
BIS(2-ETHYLHEXYL)PHTHALATE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 UR	75 U	76 U	3300 J	82 U	77 U
BUTYL BENZYL PHTHALATE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 UJ	75 U	76 U	74 U	82 U	77 U
CHLOROBENZILATE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
CHRYSENE	1.49 U	1.44 U	1.44 U	1.44 U	1.59 U	1.43 U	1.49 U	1.46 U	1.48 U	1.43 U	1.55 U	1.49 U
DI-N-BUTYL PHTHALATE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 UR	75 U	76 U	74 U	82 U	77 U

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB02	03SB02	03SB04	03SB04	03SB05	03SB05	03SB06	03SB06	03SB07	03SB07	03SB08	03SB08
NSAMPLE	03SB020206	03SB020610	03SB040206	03SB040610	03SB050206	03SB050610	03SB060206	03SB060610	03SB070206	03SB070610	03SB080206	03SB080610
SAMPLE	03SB020206	03SB020610	03SB040206	03SB040610	03SB050206	03SB050610	03SB060206	03SB060610	03SB070206	03SB070610	03SB080206	03SB080610
SACODE	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL
DEPTH RANGE	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
DI-N-OCTYL PHTHALATE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	110 J	82 U	77 U
DIALLATE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
DIBENZO(A,H)ANTHRACENE	1.49 U	1.44 U	1.44 U	1.44 U	1.59 U	1.43 U	1.49 U	1.46 U	1.48 U	1.43 U	1.55 U	1.49 U
DIBENZOFURAN	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
DIETHYL PHTHALATE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
DIMETHYL PHTHALATE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
DIPHENYLAMINE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
ETHYL METHANE SULFONATE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
ETHYL PARATHION	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
FLUORANTHENE	1.49 U	1.44 U	1.44 U	1.44 U	1.59 U	1.43 U	1.49 U	1.46 U	1.48 U	1.43 U	1.55 U	1.49 U
FLUORENE	1.49 U	1.44 U	1.44 U	1.44 U	1.59 U	1.43 U	1.49 U	1.46 U	1.48 U	1.43 U	1.55 U	1.49 U
HEXACHLOROBENZENE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
HEXACHLOROBUTADIENE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
HEXACHLOROCYCLOPENTADIENE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 UJ	75 U	76 U	74 U	82 U	77 U
HEXACHLOROETHANE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
HEXACHLOROPROPENE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
INDENO(1,2,3-CD)PYRENE	1.49 U	1.44 U	1.44 U	1.44 U	1.59 U	1.43 U	1.49 U	1.46 U	1.48 U	1.43 U	1.55 U	1.49 U
ISODRIN	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
ISOPHORONE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
ISOSAFROLE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
KEPONE	77 UR	74 UR	74 UR	74 UR	82 UR	74 UR	77 UR	75 UR	76 UR	74 UR	82 UR	77 UR
METHAPYRILENE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
METHYL METHANE SULFONATE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
METHYL PARATHION	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
N-NITROSO-DI-N-BUTYLAMINE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
N-NITROSO-DI-N-PROPYLAMINE	77 UJ	74 UJ	74 UJ	74 UJ	82 UJ	74 UJ	77 UJ	75 UJ	76 UJ	74 UJ	82 UJ	77 UJ
N-NITROSODIETHYLAMINE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
N-NITROSODIMETHYLAMINE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
N-NITROSOMETHYLETHYLAMINE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
N-NITROSOMORPHOLINE	77 UJ	74 UJ	74 UJ	74 UJ	82 UJ	74 UJ	77 UJ	75 UJ	76 UJ	74 UJ	82 UJ	77 UJ
N-NITROSOPIPERIDINE	77 UJ	74 UJ	74 UJ	74 UJ	82 UJ	74 UJ	77 UJ	75 UJ	76 UJ	74 UJ	82 UJ	77 UJ
N-NITROSOPYRROLIDINE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
NAPHTHALENE	1.49 U	1.44 U	1.44 U	1.44 U	1.59 U	1.43 U	1.49 U	1.46 U	1.48 U	1.43 U	1.55 U	1.49 U
O,O,O-TRIETHYL PHOSPHOROTHIOATE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
O-TOLUIDINE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
P-(DIMETHYLAMINO)AZOBENZENE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
PENTACHLOROBENZENE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
PENTACHLOROETHANE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
PENTACHLORONITROBENZENE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
PHENACETIN	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
PHENANTHRENE	1.49 U	1.44 U	1.44 U	1.44 U	1.59 U	1.43 U	1.49 U	1.46 U	1.48 U	1.43 U	1.55 U	1.49 U
PHENOL	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
PRONAMIDE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
PYRENE	1.49 U	1.44 U	1.44 U	1.44 U	1.59 U	1.43 U	1.49 U	1.46 U	1.48 U	1.43 U	1.55 U	1.49 U
PYRIDINE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
SAFROLE	77 U	74 U	74 U	74 U	82 UJ	74 U	77 U	75 U	76 U	74 U	82 U	77 U
Energetics (MG/KG)												
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-DINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB02	03SB02	03SB04	03SB04	03SB05	03SB05	03SB06	03SB06	03SB07	03SB07	03SB08	03SB08
NSAMPLE	03SB020206	03SB020610	03SB040206	03SB040610	03SB050206	03SB050610	03SB060206	03SB060610	03SB070206	03SB070610	03SB080206	03SB080610
SAMPLE	03SB020206	03SB020610	03SB040206	03SB040610	03SB050206	03SB050610	03SB060206	03SB060610	03SB070206	03SB070610	03SB080206	03SB080610
SACODE	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL
DEPTH RANGE	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
NITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
NITROCELLULOSE	560 U	540 U	550 U	550 U	590 U	540 U	570 U	540 U	560 U	510 U	570 U	550 U
NITROGLYCERIN	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
PETN	0.025 U	0.025 U	0.025 U	0.025 U	0.25 U	0.25 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.25 U
RDX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
TETRYL	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Inorganics (MG/KG)												
ALUMINUM												
ANTIMONY												
ARSENIC												
BARIUM												
BERYLLIUM												
CADMIUM												
CALCIUM												
CHROMIUM												
COBALT												
COPPER												
IRON												
LEAD												
MAGNESIUM												
MANGANESE												
MERCURY												
NICKEL												
POTASSIUM												
SELENIUM												
SILVER												
SODIUM												
THALLIUM												
TIN												
VANADIUM												
ZINC												
Miscellaneous Parameters												
NITRATE (MG/KG)	2.1	2.1	1.9	1.9	2.3	1.9	1.7	2.3	4.3	1.1 UJ	3.3	1.8
NITRITE (MG/KG)	13 UJ	10 UJ	2.2 UJ	2.2 UJ	12 UR	12 UR	2.2 UJ	2.1 UJ	14 UJ	2.9 J	4 UJ	11 UR
NITRITE/NITRATE (MG/KG)	2.1 J	2.1 J	1.9 J	1.9 J	2.3 J	1.9 J	1.7 J	2.3 J	4.3 J	3.3 J	3.3 J	1.8 J
PERCENT MOISTURE (%)	13.8	8.4	9.6	9.5	16.2	8.9	12.6	11.4	11.1	9.4	16.3	12.2
PERCHLORATE (UG/KG)	23 UJ	22 UJ	22 UJ	22 UJ	24 UJ	22 UJ	23 UJ	23 UJ	23 UJ	22 UJ	24 UJ	23 UJ

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB09	03SB10	03SB10	03SB11	03SB11	03SB13	03SB13	03SB14	03SB14	03SB15	03SB15	03SB16
NSAMPLE	03SB090204	03SB100206	03SB100610	03SB110206	03SB110610	03SB130206	03SB130610	03SB140206	03SB140610	03SB150206	03SB150610	03SB160206
SAMPLE	03SB090204	03SB100206	03SB100610	03SB110206	03SB110610	03SB130206	03SB130610	03SB140206	03SB140610	03SB150206	03SB150610	03SB160206
SACODE	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL
DEPTH RANGE	2 - 4	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Dioxins (NG/KG))												
1,2,3,4,6,7,8,9-OCDD												
1,2,3,4,6,7,8,9-OCDF												
1,2,3,4,6,7,8-HPCDD												
1,2,3,4,6,7,8-HPCDF												
1,2,3,4,7,8,9-HPCDF												
1,2,3,4,7,8-HXCDD												
1,2,3,4,7,8-HXCDF												
1,2,3,6,7,8-HXCDD												
1,2,3,6,7,8-HXCDF												
1,2,3,7,8,9-HXCDD												
1,2,3,7,8,9-HXCDF												
1,2,3,7,8-PECDD												
1,2,3,7,8-PECDF												
2,3,4,6,7,8-HXCDF												
2,3,4,7,8-PECDF												
2,3,7,8-TCDD												
2,3,7,8-TCDF												
TEQ BIRD												
TEQ FISH												
TEQ HUMAN												
TOTAL HPCDD												
TOTAL HPCDF												
TOTAL HXCDD												
TOTAL HXCDF												
TOTAL PECDD												
TOTAL PECDF												
TOTAL TCDD												
TOTAL TCDF												
Volatile Organics (UG/KG))												
1,1,1,2-TETRACHLOROETHANE												
1,1,1-TRICHLOROETHANE												
1,1,2,2-TETRACHLOROETHANE												
1,1,2-TRICHLOROETHANE												
1,1-DICHLOROETHANE												
1,1-DICHLOROETHENE												
1,2,3-TRICHLOROPROPANE												
1,2-DIBROMO-3-CHLOROPROPANE												
1,2-DIBROMOETHANE												
1,2-DICHLOROETHANE												
1,2-DICHLOROPROPANE												
1,4-DIOXANE												
2-BUTANONE												
2-HEXANONE												
3-CHLOROPROPENE												
4-METHYL-2-PENTANONE												
ACETONE												
ACETONITRILE												
ACROLEIN												

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB09	03SB10	03SB10	03SB11	03SB11	03SB13	03SB13	03SB14	03SB14	03SB15	03SB15	03SB16
NSAMPLE	03SB090204	03SB100206	03SB100610	03SB110206	03SB110610	03SB130206	03SB130610	03SB140206	03SB140610	03SB150206	03SB150610	03SB160206
SAMPLE	03SB090204	03SB100206	03SB100610	03SB110206	03SB110610	03SB130206	03SB130610	03SB140206	03SB140610	03SB150206	03SB150610	03SB160206
SACODE	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL
DEPTH RANGE	2 - 4	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
ACRYLONITRILE												
BENZENE												
BROMODICHLOROMETHANE												
BROMOFORM												
BROMOMETHANE												
CARBON DISULFIDE												
CARBON TETRACHLORIDE												
CHLOROBENZENE												
CHLORODIBROMOMETHANE												
CHLOROETHANE												
CHLOROFORM												
CHLOROMETHANE												
CHLOROPRENE												
CIS-1,2-DICHLOROETHENE												
CIS-1,3-DICHLOROPROPENE												
DIBROMOMETHANE												
DICHLORODIFLUOROMETHANE												
ETHYL METHACRYLATE												
ETHYLBENZENE												
ISOBUTANOL												
METHACRYLONITRILE												
METHYL IODIDE												
METHYL METHACRYLATE												
METHYLENE CHLORIDE												
PROPIONITRILE												
STYRENE												
TETRACHLOROETHENE												
TOLUENE												
TOTAL XYLENES												
TRANS-1,2-DICHLOROETHENE												
TRANS-1,3-DICHLOROPROPENE												
TRANS-1,4-DICHLORO-2-BUTENE												
TRICHLOROETHENE												
TRICHLOROFLUOROMETHANE												
VINYL ACETATE												
VINYL CHLORIDE												
Semivolatile Organics (UG/KG)												
1,2,4,5-TETRACHLOROBENZENE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
1,2,4-TRICHLOROBENZENE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
1,2-DICHLOROBENZENE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
1,3-DICHLOROBENZENE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
1,4-DICHLOROBENZENE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
1,4-NAPHTHOQUINONE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
1,4-PHENYLENEDIAMINE	67 UJ	75 UJ	75 UJ	74 UJ	74 UJ	77 UJ	78 UJ	76 UJ	76 UJ	78 UJ	77 UJ	76 UJ
1-NAPHTHYLAMINE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
2,2'-OXYBIS(1-CHLOROPROPANE)	67 UJ	75 UJ	75 UJ	74 UJ	74 UJ	77 UJ	78 UJ	76 UJ	76 UJ	78 UJ	77 UJ	76 UJ
2,3,4,6-TETRACHLOROPHENOL	67 U	75 UJ	75 U	74 U	74 U	77 U	78 UJ	76 UJ	76 UJ	78 UJ	77 U	76 U
2,4,5-TRICHLOROPHENOL	67 U	75 UJ	75 U	74 U	74 U	77 U	78 UJ	76 UJ	76 UJ	78 UJ	77 U	76 U
2,4,6-TRICHLOROPHENOL	67 U	75 UJ	75 U	74 U	74 U	77 U	78 UJ	76 UJ	76 UJ	78 UJ	77 U	76 U

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB09	03SB10	03SB10	03SB11	03SB11	03SB13	03SB13	03SB14	03SB14	03SB15	03SB15	03SB16
NSAMPLE	03SB090204	03SB100206	03SB100610	03SB110206	03SB110610	03SB130206	03SB130610	03SB140206	03SB140610	03SB150206	03SB150610	03SB160206
SAMPLE	03SB090204	03SB100206	03SB100610	03SB110206	03SB110610	03SB130206	03SB130610	03SB140206	03SB140610	03SB150206	03SB150610	03SB160206
SACODE	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL
DEPTH RANGE	2 - 4	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
2,4-DICHLOROPHENOL	67 U	75 UJ	75 UJ	74 U	74 U	77 U	78 UJ	76 UJ	76 UJ	78 UJ	77 U	76 U
2,4-DIMETHYLPHENOL	67 U	75 UJ	75 U	74 U	74 U	77 U	78 UJ	76 UJ	76 UJ	78 UJ	77 U	76 U
2,4-DINITROPHENOL	67 UJ	75 UJ	75 U	74 U	74 U	77 U	78 UJ	76 UJ	76 UJ	78 UJ	77 U	76 UJ
2,6-DICHLOROPHENOL	67 U	75 UJ	75 U	74 U	74 U	77 U	78 UJ	76 UJ	76 UJ	78 UJ	77 U	76 U
2-ACETYLAMINOFLUORENE	67 UJ	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
2-CHLORONAPHTHALENE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
2-CHLOROPHENOL	67 U	75 UJ	75 U	74 U	74 U	77 U	78 UJ	76 UJ	76 UJ	78 UJ	77 U	76 U
2-METHYLNAPHTHALENE	1.3 U	1.46 U	1.46 U	1.44 U	1.43 U	1.49 U	1.51 U	1.5 U	1.5 UJ	1.51 U	1.49 U	1.48 U
2-METHYLPHENOL	67 U	75 UJ	75 U	74 U	74 U	77 U	78 UJ	76 UJ	76 UJ	78 UJ	77 U	76 U
2-NAPHTHYLAMINE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
2-NITROANILINE	67 UJ	75 U	75 U	74 U	74 U	77 U	78 UJ	76 UJ	76 U	78 U	77 U	76 U
2-NITROPHENOL	67 U	75 UJ	75 U	74 U	74 U	77 U	78 U	76 UJ	76 UJ	78 UJ	77 U	76 U
2-PICOLINE	67 UJ	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
3&4-METHYLPHENOL	67 U	75 UJ	75 U	74 U	74 U	77 U	78 UJ	76 UJ	76 UJ	78 UJ	77 U	76 U
3,3'-DICHLOROBENZIDINE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
3,3'-DIMETHYLBENZIDINE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
3-METHYLCHOLANTHRENE	67 U	75 UJ	75 UJ	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
3-NITROANILINE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
4,6-DINITRO-2-METHYLPHENOL	67 UJ	75 UJ	75 U	74 U	74 U	77 U	78 UJ	76 UJ	76 UJ	78 UJ	77 U	76 U
4-AMINOBIPHENYL	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
4-BROMOPHENYL PHENYL ETHER	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
4-CHLORO-3-METHYLPHENOL	67 U	75 UJ	75 U	74 U	74 U	77 U	78 UJ	76 UJ	76 UJ	78 UJ	77 U	76 U
4-CHLOROANILINE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
4-CHLOROPHENYL PHENYL ETHER	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
4-NITROANILINE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
4-NITROPHENOL	67 UJ	75 UJ	75 UJ	74 U	74 U	77 U	78 UJ	76 UJ	76 UJ	78 UJ	77 U	76 UJ
4-NITROQUINOLINE-1-OXIDE	67 UR	75 U	75 U	74 UR	74 UR	77 UR	78 UR	76 UJ	76 UJ	78 UR	77 UR	76 UR
5-NITRO-O-TOLUIDINE	67 U	75 U	75 UJ	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
7,12-DIMETHYLBENZ(A)ANTHRACENE	67 U	75 UJ	75 UJ	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
A,A-DIMETHYLPHENETHYLAMINE	67 UJ	75 UJ	75 U	74 UJ	74 UJ	77 UJ	78 UJ	76 UJ	76 U	78 UJ	77 UJ	76 UJ
ACENAPHTHENE	1.3 U	1.46 U	1.46 U	1.44 U	1.43 U	1.49 U	1.51 U	1.5 U	1.5 UJ	1.51 U	1.49 U	1.48 U
ACENAPHTHYLENE	1.3 U	1.46 U	1.46 U	1.44 U	1.43 U	1.49 U	1.51 U	1.5 U	1.5 UJ	1.51 U	1.49 U	1.48 U
ACETOPHENONE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
ANILINE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
ANTHRACENE	1.3 U	1.46 U	1.46 U	1.44 U	1.43 U	1.49 U	1.51 U	1.5 U	1.5 UJ	1.51 U	1.49 U	1.48 U
ARAMITE	67 UJ	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
BENZO(A)ANTHRACENE	1.3 U	1.46 U	1.46 U	1.44 U	1.43 U	1.49 U	1.51 U	1.5 U	1.5 UJ	1.51 U	1.49 U	9
BENZO(A)PYRENE	1.3 U	1.46 U	1.46 U	1.44 U	1.43 U	1.49 U	1.51 U	1.5 U	1.5 UJ	1.51 U	1.49 U	11
BENZO(B)FLUORANTHENE	1.3 U	1.46 U	1.46 U	1.44 U	1.43 U	1.49 U	1.51 U	1.5 U	1.5 UJ	1.51 U	1.49 U	14
BENZO(G,H,I)PERYLENE	1.3 U	1.46 U	1.46 U	1.44 U	1.43 U	1.49 U	1.51 U	1.5 U	1.5 UJ	1.51 U	1.49 U	1.48 U
BENZO(K)FLUORANTHENE	1.3 U	1.46 U	1.46 U	1.44 U	1.43 U	1.49 U	1.51 U	1.5 U	1.5 UJ	1.51 U	1.49 U	1.48 U
BENZYL ALCOHOL	67 U	75 U	75 U	74 U	74 U	77 U	78 UJ	76 UJ	76 U	78 U	77 U	76 U
BIS(2-CHLOROETHOXY)METHANE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
BIS(2-CHLOROETHYL)ETHER	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
BIS(2-ETHYLHEXYL)PHTHALATE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	79 J	87 U	77 U	76 U
BUTYL BENZYL PHTHALATE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
CHLOROBENZILATE	67 UJ	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
CHRYSENE	1.3 U	1.46 U	1.46 U	1.44 U	1.43 U	1.49 U	1.51 U	1.5 U	1.5 UJ	1.51 U	1.49 U	16
DI-N-BUTYL PHTHALATE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	170 J

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB09	03SB10	03SB10	03SB11	03SB11	03SB13	03SB13	03SB14	03SB14	03SB15	03SB15	03SB16
NSAMPLE	03SB090204	03SB100206	03SB100610	03SB110206	03SB110610	03SB130206	03SB130610	03SB140206	03SB140610	03SB150206	03SB150610	03SB160206
SAMPLE	03SB090204	03SB100206	03SB100610	03SB110206	03SB110610	03SB130206	03SB130610	03SB140206	03SB140610	03SB150206	03SB150610	03SB160206
SACODE	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL
DEPTH RANGE	2 - 4	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
DI-N-OCTYL PHTHALATE	67 U	75 UJ	75 UJ	74 U	74 U	77 U	78 U	76 UR	76 UR	78 U	77 U	76 U
DIALLATE	67 UJ	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
DIBENZO(A,H)ANTHRACENE	1.3 U	1.46 U	1.46 U	1.44 U	1.43 U	1.49 U	1.51 U	1.5 U	1.5 UJ	1.51 U	1.49 U	1.48 U
DIBENZOFURAN	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
DIETHYL PHTHALATE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
DIMETHYL PHTHALATE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
DIPHENYLAMINE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
ETHYL METHANE SULFONATE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 UJ
ETHYL PARATHION	67 UJ	75 UJ	75 UJ	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
FLUORANTHENE	1.3 U	1.46 U	1.46 U	1.44 U	1.43 U	1.49 U	1.51 U	1.5 U	1.5 UJ	1.51 U	1.49 U	1.48 U
FLUORENE	1.3 U	1.46 U	1.46 U	1.44 U	1.43 U	1.49 U	1.51 U	1.5 U	1.5 UJ	1.51 U	1.49 U	1.48 U
HEXACHLOROBENZENE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
HEXACHLOROBUTADIENE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
HEXACHLOROCYCLOPENTADIENE	67 UJ	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 UJ	78 U	77 U	76 U
HEXACHLOROETHANE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
HEXACHLOROPROPENE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
INDENO(1,2,3-CD)PYRENE	1.3 U	1.46 U	1.46 U	1.44 U	1.43 U	1.49 U	1.51 U	1.5 U	1.5 UJ	1.51 U	1.49 U	1.48 U
ISODRIN	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
ISOPHORONE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
ISOSAFROLE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
KEPONE	67 UR	75 UR	75 UR	74 UR	74 UR	77 UR	78 UR	76 UR	76 UR	78 UR	77 UR	76 UR
METHAPYRILENE	67 UJ	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
METHYL METHANE SULFONATE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
METHYL PARATHION	67 UJ	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
N-NITROSO-DI-N-BUTYLAMINE	67 UJ	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
N-NITROSO-DI-N-PROPYLAMINE	67 UJ	75 UJ	75 UJ	74 UJ	74 UJ	77 UJ	78 UJ	76 UJ	76 U	78 UJ	77 UJ	76 UJ
N-NITROSODIETHYLAMINE	67 UJ	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
N-NITROSODIMETHYLAMINE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 UJ	78 U	77 U	76 U
N-NITROSOMETHYLETHYLAMINE	67 UJ	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
N-NITROSOMORPHOLINE	67 UJ	75 UJ	75 UJ	74 UJ	74 UJ	77 UJ	78 UJ	76 UJ	76 U	78 UJ	77 UJ	76 UJ
N-NITROSOPIPERIDINE	67 UJ	75 UJ	75 UJ	74 UJ	74 UJ	77 UJ	78 UJ	76 UJ	76 U	78 UJ	77 UJ	76 UJ
N-NITROSOPYRROLIDINE	67 UJ	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
NAPHTHALENE	1.3 U	1.46 U	1.46 U	1.44 U	1.43 U	1.49 U	1.51 U	1.5 U	1.5 UJ	1.51 U	1.49 U	1.48 U
O,O,O-TRIETHYL PHOSPHOROTHIOATE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
O-TOLUIDINE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
P-(DIMETHYLAMINO)AZOBENZENE	67 UJ	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
PENTACHLOROBENZENE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
PENTACHLOROETHANE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
PENTACHLORONITROBENZENE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
PHENACETIN	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
PHENANTHRENE	1.3 U	1.46 U	1.46 U	1.44 U	1.43 U	1.49 U	1.51 U	1.5 U	1.5 UJ	1.51 U	1.49 U	1.48 U
PHENOL	67 U	75 UJ	75 U	74 U	74 U	77 U	78 U	76 UJ	76 UJ	78 UJ	77 U	76 U
PRONAMIDE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	78 U	78 U	77 U	76 U
PYRENE	1.3 U	1.46 U	1.46 U	1.44 U	1.43 U	1.49 U	1.51 U	1.5 U	1.5 UJ	1.51 U	1.49 U	14
PYRIDINE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 UJ	78 U	77 U	76 U
SAFROLE	67 U	75 U	75 U	74 U	74 U	77 U	78 U	76 UJ	76 U	78 U	77 U	76 U
Energetics (MG/KG)												
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-DINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB09	03SB10	03SB10	03SB11	03SB11	03SB13	03SB13	03SB14	03SB14	03SB15	03SB15	03SB16
NSAMPLE	03SB090204	03SB100206	03SB100610	03SB110206	03SB110610	03SB130206	03SB130610	03SB140206	03SB140610	03SB150206	03SB150610	03SB160206
SAMPLE	03SB090204	03SB100206	03SB100610	03SB110206	03SB110610	03SB130206	03SB130610	03SB140206	03SB140610	03SB150206	03SB150610	03SB160206
SACODE	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL
DEPTH RANGE	2 - 4	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.97
2,4-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1.1
2-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.55
4-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
NITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
NITROCELLULOSE	550 U	540 U	540 U	500 U	550 U	540 U	570 U	560 U	570 U	540 U	570 U	560 U
NITROGLYCERIN	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
PETN	1.3 U	0.25 U	0.25 U	0.025 U	0.025 U	0.25 U	0.25 U	1.5 U	1.5 U	0.25 U	0.25 U	0.25 U
RDX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
TETRYL	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Inorganics (MG/KG)												
ALUMINUM												
ANTIMONY												
ARSENIC												
BARIUM												
BERYLLIUM												
CADMIUM												
CALCIUM												
CHROMIUM												
COBALT												
COPPER												
IRON												
LEAD												
MAGNESIUM												
MANGANESE												
MERCURY												
NICKEL												
POTASSIUM												
SELENIUM												
SILVER												
SODIUM												
THALLIUM												
TIN												
VANADIUM												
ZINC												
Miscellaneous Parameters												
NITRATE (MG/KG)	1.2	2.5	2	2.6	1.1 UJ	8.1	2.7	1.6	1.7	6.7	4.5	2
NITRITE (MG/KG)	11 UJ	12 UR	4.3 UR	11 UJ	3.7 J	7.8 UR	2.3 J	10 UJ	35 UJ	11 UR	11 UR	11 UR
NITRITE/NITRATE (MG/KG)	1.2 J	2.5 J	2 J	2.6 J	4.3 J	8.1 J	5 J	1.6 J	1.7 J	6.7 J	4.5 J	2 J
PERCENT MOISTURE (%)	8.9	10.3	10.9	8.9	8.6	12.8	13.8	11.7	11.7	13.7	12.5	9.3
PERCHLORATE (UG/KG)	22 UJ	22 UJ	22 UJ	22 UJ	22 UJ	23 UJ	23 UJ	23 UJ	23 UJ	23 UJ	23 UJ	22 UJ

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB16	03SB17	03SB17	03SB18	03SB19	03SB19	03SB20	03SB20	03SB21	03SB21	03SB22	03SB22
NSAMPLE	03SB160610	03SB170406	03SB171214	03SB180204	03SB190204	03SB191215	03SB200610	03SB201215	03SB211012	03SB211215	03SB220204	03SB221215
SAMPLE	03SB160610	03SB170406	03SB171214	03SB180204	03SB190204	03SB191215	03SB200610	03SB201215	03SB211012	03SB211215	03SB220204	03SB221215
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	6 - 10	4 - 6	12 - 14	2 - 4	2 - 4	12 - 15	8 - 10	12 - 15	10 - 12	12 - 15	2 - 4	12 - 15
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Dioxins (NG/KG))												
1,2,3,4,6,7,8,9-OCDD						174 J						
1,2,3,4,6,7,8,9-OCDF						0.2 UJ						
1,2,3,4,6,7,8-HPCDD						1.2 J						
1,2,3,4,6,7,8-HPCDF						0.1 U						
1,2,3,4,7,8,9-HPCDF						0.1 U						
1,2,3,4,7,8-HXCDD						0.1 U						
1,2,3,4,7,8-HXCDF						0.07 U						
1,2,3,6,7,8-HXCDD						0.1 U						
1,2,3,6,7,8-HXCDF						0.07 U						
1,2,3,7,8,9-HXCDD						0.1 U						
1,2,3,7,8,9-HXCDF						0.09 U						
1,2,3,7,8-PECDD						0.07 U						
1,2,3,7,8-PECDF						0.06 U						
2,3,4,6,7,8-HXCDF						0.07 U						
2,3,4,7,8-PECDF						0.06 U						
2,3,7,8-TCDD						0.06 U						
2,3,7,8-TCDF						0.05 U						
TEQ BIRD						0.018						
TEQ FISH						0.019						
TEQ HUMAN						0.029						
TOTAL HPCDD						2.5 U						
TOTAL HPCDF						0.1 U						
TOTAL HXCDD						0.16 U						
TOTAL HXCDF						0.18 BU						
TOTAL PECDD						0.27						
TOTAL PECDF						0.06 U						
TOTAL TCDD						0.12 U						
TOTAL TCDF						0.05 U						
Volatile Organics (UG/KG))												
1,1,1,2-TETRACHLOROETHANE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
1,1,1-TRICHLOROETHANE		12 U	17 J	9.8 U	4.9 U	0.9 U	1 UJ	4.8 U	12 U	1 U	12 U	5.4 U
1,1,2,2-TETRACHLOROETHANE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
1,1,2-TRICHLOROETHANE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
1,1-DICHLOROETHANE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
1,1-DICHLOROETHENE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
1,2,3-TRICHLOROPROPANE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
1,2-DIBROMO-3-CHLOROPROPANE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
1,2-DIBROMOETHANE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
1,2-DICHLOROETHANE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
1,2-DICHLOROPROPANE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
1,4-DIOXANE		105 U	105 U	105 U	90 UJ	105 U	100 U	100 U	105 U	115 U	90 U	95 U
2-BUTANONE		12 U	9.2 U	9.8 U	4.9 UJ	0.9 UJ	1 U	4.8 U	12 U	1 U	12 U	5.4 U
2-HEXANONE		12 U	10 J	9.8 U	4.9 UJ	0.9 UJ	1 UJ	4.8 U	12 U	1 U	13 J	5.4 U
3-CHLOROPROPENE		12 U	9.2 U	9.8 U	4.9 U	0.9 UJ	1 U	4.8 U	12 U	1 U	12 U	5.4 UJ
4-METHYL-2-PENTANONE		12 U	9.2 U	9.8 U	4.9 UJ	0.9 UJ	1 U	4.8 U	12 U	1 U	12 U	5.4 U
ACETONE		190 BU	150 BU	70 BU	4.9 U	11 U	13 BU	54 BU	110 BU	33 BU	230 BU	5.4 UR
ACETONITRILE		41.5 U	42.5 U	42 U	36.5 UJ	42.5 U	40 U	39.5 U	42 U	45 U	36.5 U	38 U
ACROLEIN		12 UR	9.2 UR	9.8 U	4.9 UR	0.9 UR	1 UR	4.8 UR	12 UR	1 UR	12 UR	5.4 UR

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB16	03SB17	03SB17	03SB18	03SB19	03SB19	03SB20	03SB20	03SB21	03SB21	03SB22	03SB22
NSAMPLE	03SB160610	03SB170406	03SB171214	03SB180204	03SB190204	03SB191215	03SB200810	03SB201215	03SB211012	03SB211215	03SB220204	03SB221215
SAMPLE	03SB160610	03SB170406	03SB171214	03SB180204	03SB190204	03SB191215	03SB200810	03SB201215	03SB211012	03SB211215	03SB220204	03SB221215
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	6 - 10	4 - 6	12 - 14	2 - 4	2 - 4	12 - 15	8 - 10	12 - 15	10 - 12	12 - 15	2 - 4	12 - 15
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
ACRYLONITRILE		12 UR	9.2 UR	9.8 UR	4.9 UR	0.9 UR	1 UR	4.8 UR	12 UR	1 UR	12 UR	5.4 UR
BENZENE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
BROMODICHLOROMETHANE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
BROMOFORM		12 U	9.2 U	9.8 U	4.9 U	0.9 UJ	1 U	4.8 U	12 U	1 U	12 U	5.4 U
BROMOMETHANE		12 U	9.2 U	9.8 U	4.9 UJ	0.9 UJ	1 U	4.8 U	12 U	1 U	12 U	5.4 UJ
CARBON DISULFIDE		12 U	9.2 U	9.8 U	4.9 UJ	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 UJ
CARBON TETRACHLORIDE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
CHLOROBENZENE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
CHLORODIBROMOMETHANE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
CHLOROETHANE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
CHLOROFORM		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
CHLOROMETHANE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
CHLOROPRENE		12 U	9.2 U	9.8 U	4.9 UJ	0.9 UJ	1 U	4.8 U	12 U	1 U	12 U	5.4 U
CIS-1,2-DICHLOROETHENE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
CIS-1,3-DICHLOROPROPENE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
DIBROMOMETHANE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
DICHLORODIFLUOROMETHANE		12 U	9.2 U	9.8 U	4.9 UJ	0.9 UJ	1 U	4.8 U	12 U	1 U	12 U	5.4 UJ
ETHYL METHACRYLATE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
ETHYLBENZENE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
ISOBUTANOL		41.5 U	42.5 U	42 U	36.5 UJ	42.5 U	40 U	39.5 U	42 U	45 U	38.5 U	38 U
METHACRYLONITRILE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
METHYL IODIDE		12 UJ	9.2 UJ	9.8 UJ	4.9 UJ	0.9 UJ	1 UJ	4.8 UJ	12 UJ	1 UJ	12 UJ	5.4 UJ
METHYL METHACRYLATE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
METHYLENE CHLORIDE		29 BU	23 BU	18 BU	9 BU	2 BU	3 BU	17 BU	64 BU	17 BU	51 BU	11 BU
PROPIONITRILE		41.5 U	42.5 U	42 U	36.5 UJ	42.5 U	40 U	39.5 U	42 U	45 U	38.5 U	38 U
STYRENE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
TETRACHLOROETHENE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
TOLUENE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
TOTAL XYLENES		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
TRANS-1,2-DICHLOROETHENE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
TRANS-1,3-DICHLOROPROPENE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
TRANS-1,4-DICHLORO-2-BUTENE		12 U	9.2 U	9.8 U	4.9 U	0.9 UJ	1 U	4.8 U	12 U	1 U	12 U	5.4 U
TRICHLOROETHENE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
TRICHLOROFLUOROMETHANE		12 U	9.2 U	9.8 U	4.9 U	0.9 UJ	1 U	4.8 U	12 U	5	12 U	5.4 U
VINYL ACETATE		12 UJ	9.2 UJ	9.8 U	4.9 UJ	0.9 UJ	1 UJ	4.8 UJ	12 UJ	1 UJ	12 UJ	5.4 UJ
VINYL CHLORIDE		12 U	9.2 U	9.8 U	4.9 U	0.9 U	1 U	4.8 U	12 U	1 U	12 U	5.4 U
Semivolatile Organics (UG/KG)												
1,2,4,5-TETRACHLOROBENZENE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
1,2,4-TRICHLOROBENZENE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
1,2-DICHLOROBENZENE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
1,3-DICHLOROBENZENE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
1,4-DICHLOROBENZENE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
1,4-NAPHTHOQUINONE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
1,4-PHENYLENEDIAMINE	77 UJ	80 UR	74 UR	79 U	73 UR	76 UR	80 UR	77 UR	77 UR	75 UR	80 UR	79 UJ
1-NAPHTHYLAMINE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
2,2'-OXYBIS(1-CHLOROPROPANE)	77 UJ	80 UJ	74 UJ	79 U	73 UJ	76 UJ	80 UJ	77 UJ	77 UJ	75 UJ	80 UJ	79 U
2,3,4,6-TETRACHLOROPHENOL	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
2,4,5-TRICHLOROPHENOL	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
2,4,6-TRICHLOROPHENOL	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB16	03SB17	03SB17	03SB18	03SB19	03SB19	03SB20	03SB20	03SB21	03SB21	03SB22	03SB22
NSAMPLE	03SB160810	03SB170406	03SB171214	03SB180204	03SB190204	03SB191215	03SB200810	03SB201215	03SB211012	03SB211215	03SB220204	03SB221215
SAMPLE	03SB160810	03SB170406	03SB171214	03SB180204	03SB190204	03SB191215	03SB200810	03SB201215	03SB211012	03SB211215	03SB220204	03SB221215
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	6 - 10	4 - 6	12 - 14	2 - 4	2 - 4	12 - 15	8 - 10	12 - 15	10 - 12	12 - 15	2 - 4	12 - 15
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
2,4-DICHLOROPHENOL	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
2,4-DIMETHYLPHENOL	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
2,4-DINITROPHENOL	77 UJ	80 U	74 U	79 UJ	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 UJ
2,6-DICHLOROPHENOL	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
2-ACETYLAMINOFLUORENE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
2-CHLORONAPHTHALENE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
2-CHLOROPHENOL	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
2-METHYLNAPHTHALENE	1.49 U	1.5 U	1.4 U	56	5.7 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	140	28
2-METHYLPHENOL	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	83 J	79 U
2-NAPHTHYLAMINE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
2-NITROANILINE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
2-NITROPHENOL	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
2-PICOLINE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
3&4-METHYLPHENOL	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	130 J	79 U
3,3'-DICHLOROBENZIDINE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
3,3'-DIMETHYLBENZIDINE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
3-METHYLCHOLANTHRENE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
3-NITROANILINE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
4,6-DINITRO-2-METHYLPHENOL	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
4-AMINOBIPHENYL	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
4-BROMOPHENYL PHENYL ETHER	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
4-CHLORO-3-METHYLPHENOL	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
4-CHLOROANILINE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
4-CHLOROPHENYL PHENYL ETHER	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
4-NITROANILINE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
4-NITROPHENOL	77 UJ	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 UJ
4-NITROQUINOLINE-1-OXIDE	77 UR	80 UR	74 UR	79 U	73 UR	76 UR	80 UR	77 UR	77 UR	75 UR	80 UR	79 UR
5-NITRO-O-TOLUIDINE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
7,12-DIMETHYLBENZ(A)ANTHRACENE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
A,A-DIMETHYLPHENETHYLAMINE	77 UJ	80 U	74 U	79 UJ	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 UJ
ACENAPHTHENE	1.49 U	1.5 U	1.4 U	6.1 U	5.7 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	6.3 U	1.5 U
ACENAPHTHYLENE	1.49 U	1.5 U	1.4 U	6.1 U	5.7 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	6.3 U	1.5 U
ACETOPHENONE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	81 J	79 U
ANILINE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
ANTHRACENE	1.49 U	1.5 U	1.4 U	6.1 U	5.7 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	6.3 U	1.5 U
ARAMITE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
BENZO(A)ANTHRACENE	1.49 U	1.5 U	1.4 U	72	5.7 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	6.3 U	1.5 U
BENZO(A)PYRENE	1.49 U	1.5 U	1.4 U	110	5.7 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	6.3 U	1.5 U
BENZO(B)FLUORANTHENE	1.49 U	1.5 U	1.4 U	290	5.7 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	6.3 U	1.5 U
BENZO(G,H,I)PERYLENE	1.49 U	1.5 U	1.4 U	100	5.7 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	6.3 U	1.5 U
BENZO(K)FLUORANTHENE	1.49 U	1.5 U	1.4 U	6.1 U	5.7 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	32	1.5 U
BENZYL ALCOHOL	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
BIS(2-CHLOROETHOXY)METHANE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
BIS(2-CHLOROETHYL)ETHER	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
BIS(2-ETHYLHEXYL)PHTHALATE	77 U	80 U	74 U	260 J	91 J	76 UJ	80 U	77 U	77 U	75 U	410	110 J
BUTYL BENZYL PHTHALATE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
CHLOROBENZILATE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
CHRYSENE	1.49 U	1.5 U	1.4 U	140	5.7 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	6.3 U	1.5 U
DI-N-BUTYL PHTHALATE	77 U	80 U	74 U	2300	320 J	76 U	80 U	77 U	77 U	75 U	100 J	79 U

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB16	03SB17	03SB17	03SB18	03SB19	03SB19	03SB20	03SB20	03SB21	03SB21	03SB22	03SB22
NSAMPLE	03SB160610	03SB170406	03SB171214	03SB180204	03SB190204	03SB191215	03SB200610	03SB201215	03SB211012	03SB211215	03SB220204	03SB221215
SAMPLE	03SB160610	03SB170406	03SB171214	03SB180204	03SB190204	03SB191215	03SB200610	03SB201215	03SB211012	03SB211215	03SB220204	03SB221215
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	6 - 10	4 - 6	12 - 14	2 - 4	2 - 4	12 - 15	8 - 10	12 - 15	10 - 12	12 - 15	2 - 4	12 - 15
QC TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
DI-N-OCTYL PHTHALATE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
DIALLATE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
DIBENZO(A,H)ANTHRACENE	1.49 U	1.5 U	1.4 U	6.1 U	5.7 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	6.3 U	1.5 U
DIBENZOFURAN	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
DIETHYL PHTHALATE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
DIMETHYL PHTHALATE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
DIPHENYLAMINE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
ETHYL METHANE SULFONATE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
ETHYL PARATHION	77 UJ	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 UJ
FLUORANTHENE	1.49 U	1.5 U	1.4 U	100	29	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	6.3 U	1.5 U
FLUORENE	1.49 U	1.5 U	1.4 U	6.1 U	5.7 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	6.3 U	1.5 U
HEXACHLOROBENZENE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
HEXACHLOROBUTADIENE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
HEXACHLOROCYCLOPENTADIENE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
HEXACHLOROETHANE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
HEXACHLOROPROPENE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
INDENO(1,2,3-CD)PYRENE	1.49 U	1.5 U	1.4 U	77 J	5.7 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	6.3 U	1.5 U
ISODRIN	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
ISOPHORONE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
ISOSAFROLE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
KEPONE	77 UR	80 UR	74 UR	79 UR	73 UR	76 UR	80 UR	77 UR	77 UR	75 UR	80 UR	79 UR
METHAPYRILENE	77 U	80 UJ	74 UJ	79 U	73 UJ	76 UJ	80 UJ	77 UJ	77 UJ	75 UJ	80 UJ	79 U
METHYL METHANE SULFONATE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
METHYL PARATHION	77 U	80 U	74 U	79 UJ	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
N-NITROSO-DI-N-BUTYLAMINE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
N-NITROSO-DI-N-PROPYLAMINE	77 UJ	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 UJ
N-NITROSODIETHYLAMINE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
N-NITROSODIMETHYLAMINE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
N-NITROSOMETHYLETHYLAMINE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
N-NITROSOMORPHOLINE	77 UJ	80 UJ	74 UJ	79 U	73 UJ	76 UJ	80 UJ	77 UJ	77 UJ	75 UJ	80 UJ	79 UJ
N-NITROSOPIPERIDINE	77 UJ	80 UJ	74 UJ	79 U	73 UJ	76 UJ	80 UJ	77 UJ	77 UJ	75 UJ	80 UJ	79 UJ
N-NITROSOPYRROLIDINE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
NAPHTHALENE	1.49 U	1.5 U	1.4 U	110	5.7 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	180	23
O,O,O-TRIETHYL PHOSPHOROTHIOATE	77 U	80 UJ	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
O-TOLUIDINE	77 U	80 UJ	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
P-(DIMETHYLAMINO)AZOBENZENE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
PENTACHLOROBENZENE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
PENTACHLOROETHANE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
PENTACHLORONITROBENZENE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
PHENACETIN	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
PHENANTHRENE	1.49 U	1.5 U	1.4 U	65	5.7 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	45	1.5 U
PHENOL	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
PRONAMIDE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
PYRENE	1.49 U	1.5 U	1.4 U	160	33 J	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	43	1.5 U
PYRIDINE	77 U	80 UJ	74 UJ	79 U	73 UJ	76 UJ	80 UJ	77 UJ	77 UJ	75 UJ	80 UJ	79 U
SAFROLE	77 U	80 U	74 U	79 U	73 U	76 U	80 U	77 U	77 U	75 U	80 U	79 U
Energetics (MG/KG)												
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-DINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB16	03SB17	03SB17	03SB18	03SB19	03SB19	03SB20	03SB20	03SB21	03SB21	03SB22	03SB22
NSAMPLE	03SB160610	03SB170406	03SB171214	03SB180204	03SB190204	03SB191215	03SB200810	03SB201215	03SB211012	03SB211215	03SB220204	03SB221215
SAMPLE	03SB160610	03SB170406	03SB171214	03SB180204	03SB190204	03SB191215	03SB200810	03SB201215	03SB211012	03SB211215	03SB220204	03SB221215
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	6 - 10	4 - 6	12 - 14	2 - 4	2 - 4	12 - 15	8 - 10	12 - 15	10 - 12	12 - 15	2 - 4	12 - 15
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	2.1	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.63 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	1.7	0.83	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	1.1	0.65	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.25 U	0.25 U	0.25 U	0.99	5.8	0.63	0.25 U	0.25 U	0.25 U	0.25 U	0.63 R	3.9
NITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
NITROCELLULOSE	560 U	570 U	500 U	580 UJ	530 U	540 U	550 U	520 U	570 U	540 U	590 U	570 U
NITROGLYCERIN	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
PETN	0.25 U	1.5 U	1.4 U	1.5 U	1.4 U	1.5 U	1.6 U	1.5 U	1.5 U	1.5 U	1.6 U	1.5 U
RDX	0.25 U	0.25 U	0.25 U	3.9	0.92	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	2.1
TETRYL	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Inorganics (MG/KG)												
ALUMINUM		6820 J	2900 J	8640 J	7760 J	3370 J	7020 J	2650 J	1400 J	2290 J	7390 J	3290 J
ANTIMONY		0.25 U	0.37 U	1.4 U	0.38 U	0.27 U	0.22 U	0.19 U	0.08 UJ	0.18 U	4.6 J	0.64 J
ARSENIC		3.8 J	8.1 J	4.5 J	2.4 J	2.8 J	2.5 J	3.1 J	0.53 J	2 J	4.1 J	4.2 J
BARIUM		151 J	38.7 J	95.2 J	100 J	39.3 J	135 J	42.4 J	10.8 J	20.3 J	69.5 J	58.3 J
BERYLLIUM		0.62 J	0.29 J	0.63	0.44 J	0.29 J	0.84 J	0.4 J	0.11 J	0.24 J	0.35	0.36 J
CADMIUM		0.53	0.28 U	3.6	3.1	0.37	0.4	0.28 U	0.28 U	0.29 U	6.6	0.75
CALCIUM		1940 J	1680 J	113000 J	74700 J	3180 J	22800	1990 J	226 J	274 J	57500 J	2300 J
CHROMIUM		9.5 J	10.1 J	21.8 J	6.3 J	19.1 J	6.7 J	8.3 J	3 J	10 J	11.4 J	15.9 J
COBALT		12.1 J	6.2 J	9.9	7 J	5.3 J	9.3 J	3.5 J	3.7 J	3.4 J	9.4 J	5.6 J
COPPER		4.6 J	4.3 J	12.6 J	4.3 J	4.5 J	5.5 J	4.2 J	1.4 J	3.8 J	12.9 J	6.1 J
IRON		11000 J	13900 J	27200 J	7200 J	12800 J	9530 J	11300 J	2620 J	8990 J	10600 J	18200 J
LEAD		12.6 J	7.5 J	1110 J	616 J	45 J	10.5 J	4.5 J	3 J	4.3 J	387 J	26.6 J
MAGNESIUM		534 J	263 J	7670 J	4790 J	563 J	1470 J	462 J	146 J	225 J	2500 J	457 J
MANGANESE		1270 J	378 J	810 J	797 J	400 J	460 J	809 J	130 J	1070 J	817 J	406 J
MERCURY		0.019 J	0.015 UJ	0.026 J	0.023	0.016	0.026 J	0.018 UJ	0.018 UJ	0.018 UJ	0.018 U	0.027
NICKEL		9.2 J	8.7 J	17.3 J	10.6 J	9 J	10.3 J	9.4 J	3 J	5.6 J	9.5 J	9 J
POTASSIUM		318 J	227 J	1250 J	381 J	293 J	370 J	260 J	245 J	261 J	415 J	304 J
SELENIUM		0.27 J	0.22 J	0.17 U	0.16 J	0.16 J	0.17 J	0.16 J	0.16 J	0.17 J	0.17 U	0.17 J
SILVER		0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
SODIUM		39 U	18.8 U	644 J	77.6 U	24.9 U	52.5 U	34.8 U	30.6 U	27.6 U	668 J	41 U
THALLIUM		0.11	0.05	0.08	0.06	0.05	0.1	0.08	0.04 U	0.04 U	0.07	0.06
TIN		0.24 U	0.17 U	0.64 U	0.61 U	0.37 U	0.32 U	0.29 U	0.12 U	0.16 U	7.1 J	0.29 U
VANADIUM		15.7 J	11.3 J	20.9	9.2 J	8.8 J	10.8 J	9.1 J	2.6 J	6 J	10.9 J	10.2 J
ZINC		18.3 J	29.5 J	112 J	70.8 J	21.5 J	24.4 J	13.3 J	7.2 J	14.2 J	122 J	31.1 J
Miscellaneous Parameters												
NITRATE (MG/KG)	2.3	2 J	2 J	3.9	2.4	2.1 J	1.9 J	1.8 J	2.1 J	2.8 J	3.4	2.5
NITRITE (MG/KG)	44 UR	11 UJ	10 UJ	15 UJ	3.3 U	11 U	22 UJ	17 UJ	11 UJ	11 UJ	2.4 U	11 U
NITRITE/NITRATE (MG/KG)	2.3 J	2 J	2 J	3.9 J	2.4 J	2.1	1.9 J	1.8 J	2.1 J	2.8 J	3.4 J	2.5 J
PERCENT MOISTURE (%)	12.5	14.3	17	15	16.5	13.1	15.7	20.5	17.2	10.9	18.2	12.8
PERCHLORATE (UG/KG)	32 J	23 U	24 U	20 U	24 U	23 U	24 U	25 U	24 U	22 U	24 U	23 U

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB23	03SB24	03SB24	03SB25	03SB26	03SB27	03SB27	03SB28	03SB34	03SB34	03SB36	03SB36
NSAMPLE	03SB230610	03SB240406	03SB241215	03SB250608	03SB260610	03SB270206	03SB270607	03SB280204	03SB340206	03SB340610	03SB360206	03SB360610
SAMPLE	03SB230610	03SB240406	03SB241215	03SB250608	03SB260610	03SB270206	03SB270607	03SB280204	03SB340206	03SB340610	03SB360206	03SB360610
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	6 - 10	4 - 6	12 - 15	6 - 8	6 - 10	2 - 6	6 - 7	2 - 4	2 - 6	6 - 10	2 - 6	6 - 10
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Dioxins (NG/KG)												
1,2,3,4,6,7,8,9-OCDD			970 J									
1,2,3,4,6,7,8,9-OCDF			0.77 BU									
1,2,3,4,6,7,8-HPCDD			7.6									
1,2,3,4,6,7,8-HPCDF			0.35 U									
1,2,3,4,7,8,9-HPCDF			0.2 U									
1,2,3,4,7,8-HXCDD			0.1 U									
1,2,3,4,7,8-HXCDF			0.17 BU									
1,2,3,6,7,8-HXCDD			0.35 J									
1,2,3,6,7,8-HXCDF			0.08 U									
1,2,3,7,8,9-HXCDD			0.44 U									
1,2,3,7,8,9-HXCDF			0.1 U									
1,2,3,7,8-PECDD			0.1 U									
1,2,3,7,8-PECDF			0.07 U									
2,3,4,6,7,8-HXCDF			0.08 U									
2,3,4,7,8-PECDF			0.07 U									
2,3,7,8-TCDD			0.08 U									
2,3,7,8-TCDF			0.07 U									
TEQ BIRD			0.11									
TEQ FISH			0.11									
TEQ HUMAN			0.21									
TOTAL HPCDD			18.4									
TOTAL HPCDF			1.1 U									
TOTAL HXCDD			3.2 U									
TOTAL HXCDF			0.47 U									
TOTAL PECDD			0.14 U									
TOTAL PECDF			0.07 U									
TOTAL TCDD			0.08 U									
TOTAL TCDF			0.4 U									
Volatile Organics (UG/KG)												
1,1,1,2-TETRACHLOROETHANE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
1,1,1-TRICHLOROETHANE	2 J	10 U	12 U	8.3 U	13 U	1 J	21 J	1 J				
1,1,2,2-TETRACHLOROETHANE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
1,1,2-TRICHLOROETHANE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
1,1-DICHLOROETHANE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
1,1-DICHLOROETHENE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
1,2,3-TRICHLOROPROPANE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
1,2-DIBROMO-3-CHLOROPROPANE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
1,2-DIBROMOETHANE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
1,2-DICHLOROETHANE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
1,2-DICHLOROPROPANE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
1,4-DIOXANE	150 U	140 UJ	115 U	100 U	270 U	115 U	100 U	230 U				
2-BUTANONE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
2-HEXANONE	1.5 U	10 U	12 U	12 J	13 U	1.1 U	8.7 U	2 J				
3-CHLOROPROPENE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
4-METHYL-2-PENTANONE	1.5 U	10 U	12 U	10 J	13 U	1.1 U	8.7 U	1.1 U				
ACETONE	16 BU	130 BU	270 BU	160 BU	250 BU	1.1 UR	8.7 UR	18 BU				
ACETONITRILE	60 U	55 UJ	46.5 U	39.5 U	110 U	45.5 U	39.5 U	92 U				
ACROLEIN	1.5 U	10 UR	12 UR	8.3 UR	13 U	1.1 U	8.7 U	1.1 U				

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB23	03SB24	03SB24	03SB25	03SB26	03SB27	03SB27	03SB28	03SB34	03SB34	03SB36	03SB36
NSAMPLE	03SB230610	03SB240406	03SB241215	03SB250608	03SB260610	03SB270206	03SB270607	03SB280204	03SB340206	03SB340610	03SB360206	03SB360610
SAMPLE	03SB230610	03SB240406	03SB241215	03SB250608	03SB260610	03SB270206	03SB270607	03SB280204	03SB340206	03SB340610	03SB360206	03SB360610
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	6 - 10	4 - 6	12 - 15	6 - 8	6 - 10	2 - 6	6 - 7	2 - 4	2 - 6	6 - 10	2 - 6	6 - 10
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
ACRYLONITRILE	1.5 UR	10 UR	12 UR	8.3 UR	13 UR	1.1 UR	8.7 UR	1.1 UR				
BENZENE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
BROMODICHLOROMETHANE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
BROMOFORM	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
BROMOMETHANE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
CARBON DISULFIDE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
CARBON TETRACHLORIDE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
CHLOROBENZENE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
CHLORODIBROMOMETHANE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
CHLOROETHANE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
CHLOROFORM	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
CHLOROMETHANE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
CHLOROPRENE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
CIS-1,2-DICHLOROETHENE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
CIS-1,3-DICHLOROPROPENE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
DIBROMOMETHANE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
DICHLORODIFLUOROMETHANE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
ETHYL METHACRYLATE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
ETHYLBENZENE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
ISOBUTANOL	80 U	55 UJ	46.5 U	39.5 U	110 U	45.5 U	39.5 U	92 U				
METHACRYLONITRILE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
METHYL IODIDE	1.5 UJ	10 UJ	12 UJ	8.3 UJ	13 UJ	1.1 UJ	8.7 UJ	1.1 UJ				
METHYL METHACRYLATE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
METHYLENE CHLORIDE	3 BU	29 BU	42 BU	29 BU	23 BU	4 BU	12 BU	5 BU				
PROPIONITRILE	60 U	55 UJ	46.5 U	39.5 U	110 U	45.5 U	39.5 U	92 U				
STYRENE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
TETRACHLOROETHENE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
TOLUENE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
TOTAL XYLENES	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
TRANS-1,2-DICHLOROETHENE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
TRANS-1,3-DICHLOROPROPENE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
TRANS-1,4-DICHLORO-2-BUTENE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
TRICHLOROETHENE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1 BU				
TRICHLOROFLUOROMETHANE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
VINYL ACETATE	1.5 U	10 UJ	12 UJ	8.3 UJ	13 U	1.1 U	8.7 U	1.1 U				
VINYL CHLORIDE	1.5 U	10 U	12 U	8.3 U	13 U	1.1 U	8.7 U	1.1 U				
Semivolatile Organics (UG/KG)												
1,2,4,5-TETRACHLOROBENZENE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
1,2,4-TRICHLOROBENZENE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
1,2-DICHLOROBENZENE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
1,3-DICHLOROBENZENE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
1,4-DICHLOROBENZENE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
1,4-NAPHTHOQUINONE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
1,4-PHENYLENEDIAMINE	92 U	80 UR	81 UJ	78 UJ	88 UR	82 UR	81 UR	82 UR	78 UJ	78 UJ	78 UR	79 UR
1-NAPHTHYLAMINE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
2,2'-OXYBIS(1-CHLOROPROPANE)	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
2,3,4,6-TETRACHLOROPHENOL	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
2,4,5-TRICHLOROPHENOL	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
2,4,6-TRICHLOROPHENOL	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB23	03SB24	03SB24	03SB25	03SB26	03SB27	03SB27	03SB28	03SB34	03SB34	03SB36	03SB36
NSAMPLE	03SB230610	03SB240406	03SB241215	03SB250608	03SB260610	03SB270206	03SB270607	03SB280204	03SB340206	03SB340610	03SB360206	03SB360610
SAMPLE	03SB230610	03SB240406	03SB241215	03SB250608	03SB260610	03SB270206	03SB270607	03SB280204	03SB340206	03SB340610	03SB360206	03SB360610
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	6 - 10	4 - 6	12 - 15	6 - 8	6 - 10	2 - 6	6 - 7	2 - 4	2 - 6	6 - 10	2 - 6	6 - 10
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
2,4-DICHLOROPHENOL	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
2,4-DIMETHYLPHENOL	92 U	80 U	81 UJ	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
2,4-DINITROPHENOL	92 UJ	80 UJ	81 UJ	78 UJ	88 U	82 U	81 U	82 U	78 UJ	78 UJ	78 UJ	79 UJ
2,6-DICHLOROPHENOL	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
2-ACETYLAMINOFLUORENE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
2-CHLORONAPHTHALENE	92 U	80 U	81 UJ	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
2-CHLOROPHENOL	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
2-METHYLNAPHTHALENE	1.8 U	260	23	1.5 U	1.7 U	1.6 U	1.6 U	1.6 U	1.5 U	1.5 UJ	1.5 U	1.5 U
2-METHYLPHENOL	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
2-NAPHTHYLAMINE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
2-NITROANILINE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
2-NITROPHENOL	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
2-PICOLINE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
3&4-METHYLPHENOL	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
3,3'-DICHLOROBENZIDINE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
3,3'-DIMETHYLBENZIDINE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
3-METHYLCHOLANTHRENE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
3-NITROANILINE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
4,6-DINITRO-2-METHYLPHENOL	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 UJ	79 UJ
4-AMINOBIPHENYL	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
4-BROMOPHENYL PHENYL ETHER	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
4-CHLORO-3-METHYLPHENOL	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
4-CHLOROANILINE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
4-CHLOROPHENYL PHENYL ETHER	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
4-NITROANILINE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
4-NITROPHENOL	92 U	80 UJ	81 UJ	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 UJ	79 UJ
4-NITROQUINOLINE-1-OXIDE	92 U	80 UR	81 UR	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 UR	79 UR
5-NITRO-O-TOLUIDINE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
7,12-DIMETHYLBENZ(A)ANTHRACENE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
A,A-DIMETHYLPHENETHYLAMINE	92 UJ	80 UJ	81 UJ	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
ACENAPHTHENE	1.8 U	16	1.6 U	1.5 U	1.7 U	1.6 U	1.6 U	1.6 U	1.5 U	1.5 UJ	1.5 U	1.5 U
ACENAPHTHYLENE	1.8 U	20	1.6 U	1.5 U	1.7 U	1.6 U	1.6 U	1.6 U	1.5 U	1.5 UJ	1.5 U	1.5 U
ACETOPHENONE	92 U	120 J	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
ANILINE	92 U	80 UJ	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
ANTHRACENE	25	12	1.6 U	1.5 U	23	1.6 U	1.6 U	1.6 U	1.5 U	1.5 UJ	1.5 U	1.5 U
ARAMITE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
BENZO(A)ANTHRACENE	1.8 U	1.6 U	1.6 U	1.5 U	1.7 U	1.6 U	1.6 U	1.6 U	1.5 U	1.5 UJ	1.5 U	1.5 U
BENZO(A)PYRENE	1.8 U	1.6 U	1.6 U	1.5 U	1.7 U	1.6 U	1.6 U	1.6 U	1.5 U	1.5 UJ	1.5 U	1.5 U
BENZO(B)FLUORANTHENE	1.8 U	1.6 U	1.6 U	1.5 U	1.7 U	1.6 U	1.6 U	1.6 U	1.5 U	1.5 UJ	1.5 U	1.5 U
BENZO(G,H,I)PERYLENE	1.8 U	1.6 U	1.6 U	1.5 U	1.7 U	1.6 U	1.6 U	1.6 U	1.5 U	1.5 UJ	1.5 U	1.5 U
BENZO(K)FLUORANTHENE	1.8 U	1.6 U	1.6 U	1.5 U	1.7 U	1.6 U	1.6 U	1.6 U	1.5 U	1.5 UJ	1.5 U	1.5 U
BENZYL ALCOHOL	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
BIS(2-CHLOROETHOXY)METHANE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
BIS(2-CHLOROETHYL)ETHER	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
BIS(2-ETHYLHEXYL)PHTHALATE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	880	78 U	78 U	78 U	79 U
BUTYL BENZYL PHTHALATE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
CHLOROBENZILATE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U
CHRYSENE	1.8 U	1.6 U	1.6 U	1.5 U	1.7 U	1.6 U	1.6 U	1.6 U	1.5 U	1.5 UJ	1.5 U	1.5 U
DI-N-BUTYL PHTHALATE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	78 U	78 U	79 U

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB23	03SB24	03SB24	03SB25	03SB26	03SB27	03SB27	03SB28	03SB34	03SB34	03SB36	03SB36
NSAMPLE	03SB230610	03SB240406	03SB241215	03SB250608	03SB260610	03SB270206	03SB270607	03SB280204	03SB340206	03SB340610	03SB360206	03SB360610
SAMPLE	03SB230610	03SB240406	03SB241215	03SB250608	03SB260610	03SB270206	03SB270607	03SB280204	03SB340206	03SB340610	03SB360206	03SB360610
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	6 - 10	4 - 6	12 - 15	6 - 8	6 - 10	2 - 6	6 - 7	2 - 4	2 - 6	6 - 10	2 - 6	6 - 10
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
DI-N-OCTYL PHTHALATE	92 U	80 U	81 U	78 UR	88 U	82 U	81 U	82 U	78 UR	76 UR	78 U	79 U
DIALLATE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
DIBENZO(A,H)ANTHRACENE	1.8 U	1.6 U	1.6 U	1.5 U	1.7 U	1.6 U	1.6 U	1.6 U	1.5 U	1.5 UJ	1.5 U	1.5 U
DIBENZOFURAN	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
DIETHYL PHTHALATE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
DIMETHYL PHTHALATE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
DIPHENYLAMINE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
ETHYL METHANE SULFONATE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
ETHYL PARATHION	92 U	80 UJ	81 UJ	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
FLUORANTHENE	1.8 U	24	1.6 U	1.5 U	1.7 U	1.6 U	1.6 U	1.6 U	1.5 U	1.5 UJ	1.5 U	1.5 U
FLUORENE	1.8 U	19	1.6 U	1.5 U	1.7 U	1.6 U	1.6 U	1.6 U	1.5 U	1.5 UJ	1.5 U	1.5 U
HEXACHLOROBENZENE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
HEXACHLOROBUTADIENE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
HEXACHLOROCYCLOPENTADIENE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 UJ	76 UJ	78 UJ	79 UJ
HEXACHLOROETHANE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
HEXACHLOROPROPENE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
INDENO(1,2,3-CD)PYRENE	1.8 U	1.6 U	1.6 U	1.5 U	1.7 U	1.6 U	1.6 U	1.6 U	1.5 U	1.5 UJ	1.5 U	1.5 U
ISODRIN	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
ISOPHORONE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
ISOSAFROLE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
KEPONE	92 UR	80 UR	81 UR	78 UR	88 UR	82 UR	81 UR	82 UR	78 UR	76 UR	78 UR	79 UR
METHAPYRILENE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
METHYL METHANE SULFONATE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
METHYL PARATHION	92 UJ	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
N-NITROSO-DI-N-BUTYLAMINE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
N-NITROSO-DI-N-PROPYLAMINE	92 U	80 UJ	81 UJ	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
N-NITROSODIETHYLAMINE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
N-NITROSODIMETHYLAMINE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
N-NITROSOMETHYLETHYLAMINE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
N-NITROSOMORPHOLINE	92 U	80 UJ	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
N-NITROSOPIPERIDINE	92 U	80 UJ	81 UJ	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
N-NITROSOPYRROLIDINE	92 U	80 U	81 UJ	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 UJ	79 UJ
NAPHTHALENE	1.8 U	270	16	1.5 U	1.7 U	1.6 U	1.6 U	1.6 U	1.5 U	1.5 UJ	1.5 U	1.5 U
O,O,O-TRIETHYL PHOSPHOROTHIOATE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
O-TOLUIDINE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
P-(DIMETHYLAMINO)AZOBENZENE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
PENTACHLOROBENZENE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
PENTACHLOROETHANE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
PENTACHLORONITROBENZENE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
PHENACETIN	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
PHENANTHRENE	1.8 U	67	1.6 U	1.5 U	1.7 U	1.6 U	1.6 U	1.6 U	1.5 U	1.5 UJ	1.5 U	1.5 U
PHENOL	92 U	100 J	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
PRONAMIDE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
PYRENE	1.8 U	27	1.6 U	1.5 UJ	1.7 U	1.6 U	1.6 U	1.6 U	1.5 U	1.5 UJ	1.5 U	1.5 U
PYRIDINE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
SAFROLE	92 U	80 U	81 U	78 UJ	88 U	82 U	81 U	82 U	78 U	76 U	78 U	79 U
Energetics (MG/KG)												
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-DINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB23	03SB24	03SB24	03SB25	03SB26	03SB27	03SB27	03SB28	03SB34	03SB34	03SB36	03SB36
NSAMPLE	03SB230610	03SB240406	03SB241215	03SB250608	03SB260610	03SB270206	03SB270607	03SB280204	03SB340206	03SB340610	03SB360206	03SB360610
SAMPLE	03SB230610	03SB240406	03SB241215	03SB250608	03SB260610	03SB270206	03SB270607	03SB280204	03SB340206	03SB340610	03SB360206	03SB360610
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	6 - 10	4 - 6	12 - 15	6 - 8	6 - 10	2 - 6	6 - 7	2 - 4	2 - 6	6 - 10	2 - 6	6 - 10
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
2,4,6-TRINITROTOLUENE	0.25 U	0.76	1.9	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.25 U	3.4 R	8.8	0.25 U	1.2	0.25 U	0.28 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
NITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
NITROCELLULOSE	670 UJ	580 U	590 U	580 U	630 UJ	580 UJ	600 UJ	570 UJ	560 U	550 U	580 U	550 U
NITROGLYCERIN	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UJ	2.5 UJ	2.5 U	2.5 U
PETN	1.6 U	1.6 U	1.6 U	1.5 U	1.7 U	1.6 U	1.6 U	1.6 U	1.5 UJ	1.5 UJ	1.5 U	1.5 U
RDX	0.25 U	1.4 J	4.4	0.25 U	0.26 U	0.25 U	0.26 U	0.25 U	0.26 U	0.25 U	0.26 U	0.25 U
TETRYL	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Inorganics (MG/KG)												
ALUMINUM	8390 J	9880 J	3580 J	7120 J	8580 J	5140 J	11500 J	6140 J	6730 J	6410 J	7100 J	7220 J
ANTIMONY	3.5 U	3.2 J	1.9 J	0.26 U	1.3 U	0.81 U	0.65 U	0.57 U	0.32 U	0.45 U	0.29 U	0.34 U
ARSENIC	4.6 J	7.6 J	12.6 J	4.5 J	6.6 J	8.2 J	6.2 J	7 J	5.7 J	3.7 J	5.4	5.8
BARIUM	933 J	1340 J	60.2 J	77.9 J	989 J	85.4 J	85.4 J	104 J	77.1 J	40.4 J	116 J	106 J
BERYLLIUM	0.62	0.4 J	0.49 J	0.58	0.59	0.75	0.59	0.73	0.43	0.57	0.79	1
CADMIUM	1.2	12.1	0.46	0.35	0.82	0.71	0.48	0.46	0.82	0.33	0.33	0.4
CALCIUM	2240 J	39300 J	1750 J	2180 J	2900 J	1010 J	1280 J	978 J	73500 J	1140 J	4220 J	1860 J
CHROMIUM	11.3 J	34.5 J	10.7 J	9.6 J	12.8 J	18.3 J	18.4 J	13.8 J	8.9 J	20.2 J	11.1 J	24.5 J
COBALT	11.7	14 J	7 J	14.6 J	14.3	12	9.2	13.7	10.9 J	13.9 J	16.5 J	17.2 J
COPPER	19.7 J	244 J	9.2 J	7 J	27.3 J	1230 J	26.3 J	255 J	8.5 J	7.3 J	8.4 J	9.5 J
IRON	13700 J	21000 J	18300 J	18300 J	17300 J	35900 J	22600 J	26200 J	16900 J	44000 J	22500 J	34400 J
LEAD	28.5 J	277 J	23.6 J	12.5 J	34 J	49 J	14.5 J	20.8 J	12.2 J	16 J	13.9 J	16.6 J
MAGNESIUM	1630 J	2640 J	330 J	801 J	1310 J	748 J	1870 J	766 J	2350 J	647 J	952 J	805 J
MANGANESE	684 J	1060 J	1060 J	1420 J	1080 J	1150 J	495 J	1080 J	996 J	908 J	1550 J	1480 J
MERCURY	0.57 J	0.037	0.019 U	0.023 J	0.28 J	0.035 J	0.098 J	0.027 J	0.022 J	0.021 J	0.33 J	0.047 J
NICKEL	13.6 J	1600 J	14.9 J	11.1 J	18.7 J	22.7 J	13.8 J	17.2 J	10.8 J	14.1 J	14.4 J	19.2 J
POTASSIUM	801 J	794 J	317 J	474 J	960 J	838 J	1790 J	707 J	764 J	372 J	491 J	467 J
SELENIUM	0.4	0.17 U	0.38 J	0.17 J	0.31	0.19 U	0.3	0.25	0.41 J	0.16 UJ	0.38	0.35
SILVER	0.92 U	0.48 J	0.04 U	0.04 U	0.05 U	0.09 U	0.04 U	0.05 U	0.04 U	0.04 U	0.05 U	0.04 U
SODIUM	68.8 U	489 J	20.6 U	99.5 J	52.8 U	32.4 U	54.4 U	45 U	223 J	88.8 J	182 U	133 U
THALLIUM	0.21	0.08	0.15	0.1	0.11	0.1	0.17	0.1	0.11	0.09	0.11	0.1
TIN	1.5 U	15.6 J	0.3 U	0.2 U	1.3 U	3.8 U	1.8 U	2.7 U	0.37 U	0.16 U	0.28 U	0.22 U
VANADIUM	18.2	18.4 J	16.5 J	14.7 J	16.9	20.2	23.5	19.4	13.3 J	17 J	15.2 J	22.9 J
ZINC	204 J	1100 J	78 J	27.8 J	217 J	126 J	66.4 J	137 J	30.2 J	30.7 J	34.3 J	44.5 J
Miscellaneous Parameters												
NITRATE (MG/KG)	1.9	1.2	1.1 U	12	2.1	2.2	2.1	2.1	18	14	17	2.8
NITRITE (MG/KG)	25 UJ	2.4 U	16 U	15 J	110 UJ	12 UJ	11 UJ	17 UJ	12 UJ	11 UJ	6.4 J	2.2 UR
NITRITE/NITRATE (MG/KG)	1.9 J	1.2 J	1.1 UJ	27 J	2.1 J	2.2 J	2.1 J	2.1 J	18 J	14 J	23 J	2.8 J
PERCENT MOISTURE (%)	27.1	16.9	27.3	14.7	24.4	19.3	15.2	18.8	16.3	11.1	15.4	15.5
PERCHLORATE (UG/KG)	20 U	24 U	26 U	23 U	20 U	20 U	20 U	20 U	24 UJ	22 UJ	24 UJ	24 UJ

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB39	03SB39	03SB40	03SB40	03SB42	03SB42	03SB44	03SB44	03SB46	03SB46	03SB47	03SB47
NSAMPLE	03SB390206	03SB390610	03SB400206	03SB400610	03SB420206	03SB420610	03SB440206	03SB440610	03SB460206	03SB460610	03SB470206	03SB470610
SAMPLE	03SB390206	03SB390610	03SB400206	03SB400610	03SB420206	03SB420610	03SB440206	03SB440610	03SB460206	03SB460610	03SB470206	03SB470610
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL
DEPTH RANGE	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Dioxins (NG/KG))												
1,2,3,4,6,7,8,9-OCDD												
1,2,3,4,6,7,8,9-OCDF												
1,2,3,4,6,7,8-HPCDD												
1,2,3,4,6,7,8-HPCDF												
1,2,3,4,7,8,9-HPCDF												
1,2,3,4,7,8-HXCDD												
1,2,3,4,7,8-HXCDF												
1,2,3,6,7,8-HXCDD												
1,2,3,6,7,8-HXCDF												
1,2,3,7,8,9-HXCDD												
1,2,3,7,8,9-HXCDF												
1,2,3,7,8-PECDD												
1,2,3,7,8-PECDF												
2,3,4,6,7,8-HXCDF												
2,3,4,7,8-PECDF												
2,3,7,8-TCDD												
2,3,7,8-TCDF												
TEQ BIRD												
TEQ FISH												
TEQ HUMAN												
TOTAL HPCDD												
TOTAL HPCDF												
TOTAL HXCDD												
TOTAL HXCDF												
TOTAL PECDD												
TOTAL PECDF												
TOTAL TCDD												
TOTAL TCDF												
Volatile Organics (UG/KG))												
1,1,1,2-TETRACHLOROETHANE									1 U	0.95 U	1.2 U	1.1 U
1,1,1-TRICHLOROETHANE									1 U	0.95 U	1.2 U	1.1 U
1,1,2,2-TETRACHLOROETHANE									1 U	2 J	1.2 U	1 J
1,1,2-TRICHLOROETHANE									1 U	0.95 U	1.2 U	1.1 U
1,1-DICHLOROETHANE									1 U	0.95 U	1.2 U	1.1 U
1,1-DICHLOROETHENE									1 U	0.95 U	1.2 U	1.1 U
1,2,3-TRICHLOROPROPANE									1 U	0.95 U	1.2 U	1.1 U
1,2-DIBROMO-3-CHLOROPROPANE									1 U	0.95 U	1.2 U	1.1 U
1,2-DIBROMOETHANE									1 U	0.95 U	1.2 U	1.1 U
1,2-DICHLOROETHANE									1 U	0.95 U	1.2 U	1.1 U
1,2-DICHLOROPROPANE									1 U	0.95 U	1.2 U	1.1 U
1,4-DIOXANE									115 U	95 U	110 U	110 U
2-BUTANONE									1 U	0.95 U	1.2 U	1.1 U
2-HEXANONE									1 U	0.95 U	1.2 U	1.1 U
3-CHLOROPROPENE									1 U	0.95 U	1.2 UJ	1.1 U
4-METHYL-2-PENTANONE									1 U	0.95 U	1.2 U	1.1 U
ACETONE									28 BU	0.95 U	17 BU	11 BU
ACETONITRILE									45.5 U	38 U	43.5 U	43 U
ACROLEIN									1 UR	0.95 UR	1.2 UR	1.1 UR

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB39	03SB39	03SB40	03SB40	03SB42	03SB42	03SB44	03SB44	03SB46	03SB46	03SB47	03SB47
NSAMPLE	03SB390206	03SB390610	03SB400206	03SB400610	03SB420206	03SB420610	03SB440206	03SB440610	03SB460206	03SB460610	03SB470206	03SB470610
SAMPLE	03SB390206	03SB390610	03SB400206	03SB400610	03SB420206	03SB420610	03SB440206	03SB440610	03SB460206	03SB460610	03SB470206	03SB470610
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL
DEPTH RANGE	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
ACRYLONITRILE									1 UR	0.95 UR	1.2 UR	1.1 UR
BENZENE									1 U	0.95 U	1.2 U	1.1 U
BROMODICHLOROMETHANE									1 U	0.95 U	1.2 U	1.1 U
BROMOFORM									1 U	0.95 U	1.2 U	1.1 U
BROMOMETHANE									1 U	0.95 U	1.2 U	1.1 U
CARBON DISULFIDE									1 U	0.95 U	1.2 U	1.1 U
CARBON TETRACHLORIDE									1 U	0.95 U	1.2 U	1.1 U
CHLOROBENZENE									1 U	0.95 U	1.2 U	1.1 U
CHLORODIBROMOMETHANE									1 U	0.95 U	1.2 U	1.1 U
CHLOROETHANE									1 U	0.95 U	1.2 U	1.1 U
CHLOROFORM									1 U	0.95 U	1.2 U	1.1 U
CHLOROMETHANE									1 U	0.95 U	1.2 U	1.1 U
CHLOROPRENE									1 U	0.95 U	1.2 U	1.1 U
CIS-1,2-DICHLOROETHENE									1 U	0.95 U	1.2 U	1 J
CIS-1,3-DICHLOROPROPENE									1 U	0.95 U	1.2 U	1.1 U
DIBROMOMETHANE									1 U	0.95 U	1.2 U	1.1 U
DICHLORODIFLUOROMETHANE									1 U	0.95 U	1.2 U	1.1 U
ETHYL METHACRYLATE									1 U	0.95 U	1.2 U	1.1 U
ETHYLBENZENE									1 U	0.95 U	1.2 U	1.1 U
ISOBUTANOL									45.5 U	38 U	43.5 U	43 U
METHACRYLONITRILE									1 U	0.95 U	1.2 U	1.1 U
METHYL IODIDE									1 UJ	0.95 UJ	1.2 UJ	1.1 UJ
METHYL METHACRYLATE									1 U	0.95 U	1.2 U	1.1 U
METHYLENE CHLORIDE									8 BU	4 BU	8 BU	4 BU
PROPIONITRILE									45.5 U	38 U	43.5 U	43 U
STYRENE									1 U	0.95 U	1.2 U	1.1 U
TETRACHLOROETHENE									1 U	0.95 U	1.2 U	1.1 U
TOLUENE									1 U	0.95 U	1.2 U	1.1 U
TOTAL XYLENES									1 U	0.95 U	1.2 U	1.1 U
TRANS-1,2-DICHLOROETHENE									1 U	0.95 U	1.2 U	1.1 U
TRANS-1,3-DICHLOROPROPENE									1 U	0.95 U	1.2 U	1.1 U
TRANS-1,4-DICHLORO-2-BUTENE									1 U	0.95 U	1.2 U	1.1 U
TRICHLOROETHENE									10 J	8 J	18 J	16 J
TRICHLOROFLUOROMETHANE									1 J	0.95 U	1.2 U	1.1 U
VINYL ACETATE									1 U	0.95 U	1.2 U	1.1 U
VINYL CHLORIDE									1 U	0.95 U	1.2 U	1.1 U
Semivolatile Organics (UG/KG)												
1,2,4,5-TETRACHLOROBENZENE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
1,2,4-TRICHLOROBENZENE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
1,2-DICHLOROBENZENE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
1,3-DICHLOROBENZENE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
1,4-DICHLOROBENZENE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
1,4-NAPHTHOQUINONE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
1,4-PHENYLENEDIAMINE	79 UR	75 UR	78 UR	76 UR	79 UR	76 UR	78 UJ	73 UJ	80 UJ	74 UJ	76 UJ	75 UJ
1-NAPHTHYLAMINE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
2,2'-OXYBIS(1-CHLOROPROPANE)	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
2,3,4,6-TETRACHLOROPHENOL	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 UJ	75 U
2,4,5-TRICHLOROPHENOL	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 UJ	75 U
2,4,6-TRICHLOROPHENOL	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 UJ	75 U

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB39	03SB39	03SB40	03SB40	03SB42	03SB42	03SB44	03SB44	03SB46	03SB46	03SB47	03SB47
NSAMPLE	03SB390206	03SB390610	03SB400206	03SB400610	03SB420206	03SB420610	03SB440206	03SB440610	03SB460206	03SB460610	03SB470206	03SB470610
SAMPLE	03SB390206	03SB390610	03SB400206	03SB400610	03SB420206	03SB420610	03SB440206	03SB440610	03SB460206	03SB460610	03SB470206	03SB470610
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL
DEPTH RANGE	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
2,4-DICHLOROPHENOL	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 UJ	75 U
2,4-DIMETHYLPHENOL	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 UR	75 U
2,4-DINITROPHENOL	79 UJ	75 UJ	78 UJ	76 UJ	79 UJ	76 UJ	78 UJ	73 UJ	80 UJ	74 UJ	76 UJ	75 UJ
2,6-DICHLOROPHENOL	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 UJ	75 U
2-ACETYLAMINOFLUORENE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
2-CHLORONAPHTHALENE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 UJ	75 U
2-CHLOROPHENOL	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 UJ	75 U
2-METHYLNAPHTHALENE	1.5 U	1.4 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.4 UJ	1.5 UJ	1.5 UJ
2-METHYLPHENOL	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 UJ	75 U
2-NAPHTHYLAMINE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
2-NITROANILINE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
2-NITROPHENOL	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 UJ	75 U
2-PICOLINE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
3&4-METHYLPHENOL	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 UJ	75 U
3,3'-DICHLOROBENZIDINE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 UR	75 U
3,3'-DIMETHYLBENZIDINE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
3-METHYLCHOLANTHRENE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
3-NITROANILINE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 UJ	75 U
4,6-DINITRO-2-METHYLPHENOL	79 UJ	75 UJ	78 UJ	76 UJ	79 UJ	76 UJ	78 U	73 U	80 U	74 U	76 UJ	75 U
4-AMINOBIPHENYL	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
4-BROMOPHENYL PHENYL ETHER	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
4-CHLORO-3-METHYLPHENOL	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 UJ	75 U
4-CHLOROANILINE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 UJ	75 U
4-CHLOROPHENYL PHENYL ETHER	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
4-NITROANILINE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
4-NITROPHENOL	79 UJ	75 UJ	78 UJ	76 UJ	79 UJ	76 UJ	78 U	73 U	80 U	74 U	76 UJ	75 U
4-NITROQUINOLINE-1-OXIDE	79 UR	75 UR	78 UR	76 UR	79 UR	76 UR	78 UJ	73 U	80 UJ	74 UJ	76 UJ	75 UJ
5-NITRO-O-TOLUIDINE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
7,12-DIMETHYLBENZ(A)ANTHRACENE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
A,A-DIMETHYLPHENETHYLAMINE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
ACENAPHTHENE	1.5 U	1.4 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.4 UJ	1.5 UJ	1.5 UJ
ACENAPHTHYLENE	1.5 U	1.4 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.4 UJ	1.5 UJ	1.5 UJ
ACETOPHENONE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
ANILINE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
ANTHRACENE	1.5 U	1.4 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.4 UJ	1.5 UJ	1.5 UJ
ARAMITE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
BENZO(A)ANTHRACENE	1.5 U	1.4 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.4 UJ	1.5 UJ	1.5 UJ
BENZO(A)PYRENE	1.5 U	1.4 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.4 UJ	1.5 UJ	1.5 UJ
BENZO(B)FLUORANTHENE	1.5 U	1.4 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.4 UJ	1.5 UJ	1.5 UJ
BENZO(G,H,I)PERYLENE	1.5 U	1.4 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.4 UJ	1.5 UJ	1.5 UJ
BENZO(K)FLUORANTHENE	1.5 U	1.4 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.4 UJ	1.5 UJ	1.5 UJ
BENZYL ALCOHOL	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
BIS(2-CHLOROETHOXY)METHANE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 UJ	75 U
BIS(2-CHLOROETHYL)ETHER	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
BIS(2-ETHYLHEXYL)PHTHALATE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 UJ	75 U
BUTYL BENZYL PHTHALATE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
CHLOROBENZILATE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
CHRYSENE	1.5 U	1.4 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.4 UJ	1.5 UJ	1.5 UJ
DI-N-BUTYL PHTHALATE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB39	03SB39	03SB40	03SB40	03SB42	03SB42	03SB44	03SB44	03SB46	03SB46	03SB47	03SB47
NSAMPLE	03SB390206	03SB390610	03SB400206	03SB400610	03SB420206	03SB420610	03SB440206	03SB440610	03SB460206	03SB460610	03SB470206	03SB470610
SAMPLE	03SB390206	03SB390610	03SB400206	03SB400610	03SB420206	03SB420610	03SB440206	03SB440610	03SB460206	03SB460610	03SB470206	03SB470610
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL
DEPTH RANGE	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
DI-N-OCTYL PHTHALATE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 UR	73 UR	80 UR	74 UR	76 UR	75 UR
DIALLATE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
DIBENZO(A,H)ANTHRACENE	1.6 U	1.4 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.4 UJ	1.5 UJ	1.5 UJ
DIBENZOFURAN	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
DIETHYL PHTHALATE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
DIMETHYL PHTHALATE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
DIPHENYLAMINE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
ETHYL METHANE SULFONATE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
ETHYL PARATHION	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
FLUORANTHENE	1.5 U	1.4 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.4 UJ	1.5 UJ	1.5 UJ
FLUORENE	1.5 U	1.4 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.4 UJ	1.5 UJ	1.5 UJ
HEXACHLOROBENZENE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
HEXACHLOROBUTADIENE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
HEXACHLOROCYCLOPENTADIENE	79 UJ	75 UJ	78 UJ	76 UJ	79 UJ	76 UJ	78 UJ	73 UJ	80 UJ	74 UJ	76 UR	75 UJ
HEXACHLOROETHANE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
HEXACHLOROPROPENE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
INDENO(1,2,3-CD)PYRENE	1.5 U	1.4 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.4 UJ	1.5 UJ	1.5 UJ
ISODRIN	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
ISOPHORONE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
ISOSAFROLE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
KEPONE	79 UR	75 UR	78 UR	76 UR	79 UR	76 UR	78 UR	73 UR	80 UR	74 UR	76 UR	75 UR
METHAPYRILENE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
METHYL METHANE SULFONATE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
METHYL PARATHION	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
N-NITROSO-DI-N-BUTYLAMINE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
N-NITROSO-DI-N-PROPYLAMINE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 UJ	75 U
N-NITROSODIETHYLAMINE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
N-NITROSODIMETHYLAMINE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 UJ	73 U	80 UJ	74 UJ	76 UJ	75 UJ
N-NITROSOMETHYLETHYLAMINE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
N-NITROSOMORPHOLINE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
N-NITROSOPIPERIDINE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
N-NITROSOPYRROLIDINE	79 UJ	75 UJ	78 UJ	76 UJ	79 UJ	76 UJ	78 U	73 U	80 U	74 U	76 U	75 U
NAPHTHALENE	8	1.4 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.4 UJ	1.5 UJ	1.5 UJ
O,O,O-TRIETHYL PHOSPHOROTHIOATE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
O-TOLUIDINE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
P-(DIMETHYLAMINO)AZOBENZENE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
PENTACHLOROBENZENE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
PENTACHLOROETHANE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
PENTACHLORONITROBENZENE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
PHENACETIN	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
PHENANTHRENE	1.5 U	1.4 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.4 UJ	1.5 UJ	1.5 UJ
PHENOL	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 UJ	75 U
PRONAMIDE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
PYRENE	1.5 U	1.4 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.4 UJ	1.5 UJ	1.5 UJ
PYRIDINE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 UJ	73 U	80 UJ	74 UJ	76 UJ	75 UJ
SAFROLE	79 U	75 UJ	78 U	76 U	79 U	76 U	78 U	73 U	80 U	74 U	76 U	75 U
Energetics (MG/KG)												
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-DINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB39	03SB39	03SB40	03SB40	03SB42	03SB42	03SB44	03SB44	03SB46	03SB46	03SB47	03SB47
NSAMPLE	03SB390206	03SB390610	03SB400206	03SB400610	03SB420206	03SB420610	03SB440206	03SB440610	03SB460206	03SB460610	03SB470206	03SB470610
SAMPLE	03SB390206	03SB390610	03SB400206	03SB400610	03SB420206	03SB420610	03SB440206	03SB440610	03SB460206	03SB460610	03SB470206	03SB470610
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	ORIG	NORMAL	NORMAL
DEPTH RANGE	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.42 J	0.25 U
2-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-NITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
NITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
NITROCELLULOSE	590 U	630 U	580 U	610 U	580 U	560 U	560 U	510 U	560 U	530 U	540 U	530 U
NITROGLYCERIN	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
PETN	1.5 U	1.4 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.4 U	1.5 U	1.5 U
RDX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
TETRYL	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Inorganics (MG/KG)												
ALUMINUM	7030 J	6960 J	6080 J	5780 J	7210 J	5600 J	7100 J	5380 J	6380 J	4540 J	5680 J	4090 J
ANTIMONY	0.27 U	0.75 U	0.28 U	0.39 U	0.28 U	0.51 U	0.37 U	1.3 J	0.23 U	0.5 U	0.62 U	0.4 U
ARSENIC	4.9	5.5	4.1	6.2	4.4	2.6	7.4 J	11.2 J	4.9 J	8.2 J	6.7 J	5.4 J
BARIUM	95.1 J	81.2 J	139 J	94.5 J	153 J	107 J	119 J	83.1 J	138 J	72.3 J	77.9 J	87.8 J
BERYLLIUM	0.64	0.98	0.76	0.73	0.78	0.87	1.4	0.87	0.87	0.74	0.98	0.53
CADMIUM	0.3 U	0.35	0.35	0.35	0.38	0.41	0.49	0.37	0.83	0.7	0.41	0.32
CALCIUM	2070 J	1660 J	4260 J	6890 J	1950 J	2880 J	10300 J	7790 J	1390 J	2960 J	1090 J	487 J
CHROMIUM	10.2 J	21.2 J	9.9 J	21.8 J	8.5 J	18.6 J	27.8 J	20.4 J	12.1 J	20 J	24.1 J	19.4 J
COBALT	13.7 J	18.2 J	14.6 J	16.7 J	14.9 J	19.7 J	21.2 J	20.1 J	15.4 J	17.3 J	15 J	12.1 J
COPPER	9.2 J	8.5 J	16.4 J	8.6 J	10.2 J	6.9 J	10.3 J	9.3 J	7.6 J	9 J	92.6 J	9.6 J
IRON	16900 J	36900 J	17300 J	43800 J	18700 J	26500 J	44400 J	56400 J	16400 J	42000 J	40300 J	42700 J
LEAD	15 J	18.7 J	12.6 J	16.2 J	13.5 J	15 J	20 J	18.5 J	13.3 J	17.1 J	34 J	13.6 J
MAGNESIUM	989 J	668 J	747 J	799 J	826 J	685 J	835 J	750 J	770 J	428 J	528 J	464 J
MANGANESE	879 J	1370 J	1440 J	1390 J	1680 J	1680 J	1730 J	1450 J	1790 J	1310 J	1320 J	799 J
MERCURY	0.035 J	0.21 J	0.027 J	0.022 J	0.027 J	0.023 J	0.027 J	0.02 J	0.026 J	0.019 J	0.018 J	0.018 J
NICKEL	12 J	16.8 J	15.5 J	15.9 J	15.9 J	20.3 J	23.7 J	19.9 J	16 J	17.9 J	17.1 J	19.2 J
POTASSIUM	464 J	392 J	448 J	403 J	403 J	386 J	413 J	355 J	395 J	327 J	380 J	383 J
SELENIUM	0.38	0.21	0.32	0.22	0.39	0.2	0.27 J	0.22 J	0.43 J	0.17 UJ	0.23 J	0.17 UJ
SILVER	0.04 U	0.04 U	0.04 U	0.04 U	0.11	0.05	0.04 U	0.04 U	0.06 U	0.04 U	0.51 J	0.13 U
SODIUM	101 U	103 U	130 U	109 U	116 U	163 U	113 J	117 J	144 J	121 J	80.6 J	141 J
THALLIUM	0.09	0.09	0.09	0.08	0.12	0.1	0.11	0.08	0.11	0.08	0.11	0.06
TIN	0.25 U	0.33 U	0.25 U	0.16 U	0.42 U	0.2 U	0.16 U	0.15 U	0.26 U	0.16 U	0.82 U	0.07 U
VANADIUM	15 J	20.9 J	13 J	23.8 J	14.1 J	19.8 J	28.3 J	27.8 J	16.8 J	22.3 J	24.9 J	17.7 J
ZINC	33.2 J	37.2 J	32.5 J	37.2 J	37.9 J	31.7 J	41.4 J	43.9 J	26 J	51.6 J	74.5 J	40.7 J
Miscellaneous Parameters												
NITRATE (MG/KG)	38	14	1.9	1.7	1.7	1.9	2.4	2.1	1.2	1.5	1.6	1.5
NITRITE (MG/KG)	11 UR	2.3 J	11 UR	11 UR	2.2 UR	2.2 UR	2.7 UJ	2.2 UJ	2.2 UJ	2 UJ	11 UJ	11 UJ
NITRITE/NITRATE (MG/KG)	38 J	16 J	1.9 J	1.7 J	1.7 J	1.9 J	2.4 J	2.1 J	1.2 J	1.5 J	1.6 J	1.5 J
PERCENT MOISTURE (%)	14.9	9.4	14	11.6	15.7	10	14.1	9.1	17.9	8.6	11.6	11.3
PERCHLORATE (UG/KG)	43 J	22 UJ	23 UJ	23 UJ	24 UJ	22 UJ	23 UJ	22 UJ	20 U	20 U	23 U	23 U

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	038B48	038B48
NSAMPLE	038B480206	038B480610
SAMPLE	038B480206	038B480610
SACODE	NORMAL	NORMAL
DEPTH RANGE	2 - 6	6 - 10
QC_TYPE	NM	NM
STATUS	NORMAL	NORMAL
SAMPLE DATE	- -	- -
VALIDATED	Y	Y
COLLECTION METHOD	GRAB	GRAB
Dioxins (NG/KG))		
1,2,3,4,6,7,8,9-OCDD		
1,2,3,4,6,7,8,9-OCDF		
1,2,3,4,6,7,8-HPCDD		
1,2,3,4,6,7,8-HPCDF		
1,2,3,4,7,8,9-HPCDF		
1,2,3,4,7,8-HXCDD		
1,2,3,4,7,8-HXCDF		
1,2,3,6,7,8-HXCDD		
1,2,3,6,7,8-HXCDF		
1,2,3,7,8,9-HXCDD		
1,2,3,7,8,9-HXCDF		
1,2,3,7,8-PECDD		
1,2,3,7,8-PECDF		
2,3,4,6,7,8-HXCDF		
2,3,4,7,8-PECDF		
2,3,7,8-TCDD		
2,3,7,8-TCDF		
TEQ BIRD		
TEQ FISH		
TEQ HUMAN		
TOTAL HPCDD		
TOTAL HPCDF		
TOTAL HXCDD		
TOTAL HXCDF		
TOTAL PECDD		
TOTAL PECDF		
TOTAL TCDD		
TOTAL TCDF		
Volatile Organics (UG/KG))		
1,1,1,2-TETRACHLOROETHANE	1.3 U	12 U
1,1,1-TRICHLOROETHANE	1.3 U	12 U
1,1,2,2-TETRACHLOROETHANE	1.3 U	12 U
1,1,2-TRICHLOROETHANE	1.3 U	12 U
1,1-DICHLOROETHANE	1.3 U	12 U
1,1-DICHLOROETHENE	1.3 U	12 U
1,2,3-TRICHLOROPROPANE	1.3 U	12 U
1,2-DIBROMO-3-CHLOROPROPANE	1.3 U	12 U
1,2-DIBROMOETHANE	1.3 U	12 U
1,2-DICHLOROETHANE	1.3 U	12 U
1,2-DICHLOROPROPANE	1.3 U	12 U
1,4-DIOXANE	120 U	95 U
2-BUTANONE	1.3 U	12 U
2-HEXANONE	1.3 U	12 U
3-CHLOROPROPENE	1.3 U	12 U
4-METHYL-2-PENTANONE	1.3 U	12 U
ACETONE	12 BU	12 U
ACETONITRILE	48 U	39 U
ACROLEIN	1.3 UR	12 UR

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB48	03SB48
NSAMPLE	03SB480206	03SB480610
SAMPLE	03SB480206	03SB480610
SACODE	NORMAL	NORMAL
DEPTH RANGE	2 - 6	6 - 10
QC_TYPE	NM	NM
STATUS	NORMAL	NORMAL
SAMPLE DATE	* *	* *
VALIDATED	Y	Y
COLLECTION METHOD	GRAB	GRAB
ACRYLONITRILE	1.3 UR	12 UR
BENZENE	1.3 U	12 U
BROMODICHLOROMETHANE	1.3 U	12 U
BROMOFORM	1.3 U	12 U
BROMOMETHANE	1.3 U	12 U
CARBON DISULFIDE	1.3 U	12 U
CARBON TETRACHLORIDE	1.3 U	12 U
CHLOROBENZENE	1.3 U	12 U
CHLORODIBROMOMETHANE	1.3 U	12 U
CHLOROETHANE	1.3 U	12 U
CHLOROFORM	1.3 U	12 U
CHLOROMETHANE	1.3 U	12 U
CHLOROPRENE	1.3 U	12 U
CIS-1,2-DICHLOROETHENE	8	18 J
CIS-1,3-DICHLOROPROPENE	1.3 U	12 U
DIBROMOMETHANE	1.3 U	12 U
DICHLORODIFLUOROMETHANE	1.3 U	12 U
ETHYL METHACRYLATE	1.3 U	12 U
ETHYLBENZENE	1.3 U	12 U
ISOBUTANOL	48 U	39 U
METHACRYLONITRILE	1.3 U	12 U
METHYL IODIDE	1.3 UJ	12 UJ
METHYL METHACRYLATE	1.3 U	12 U
METHYLENE CHLORIDE	4 BU	58 BU
PROPIONITRILE	48 U	39 U
STYRENE	1.3 U	12 U
TETRACHLOROETHENE	1.3 U	12 U
TOLUENE	1.3 U	12 U
TOTAL XYLENES	1.3 U	12 U
TRANS-1,2-DICHLOROETHENE	1.3 U	12 U
TRANS-1,3-DICHLOROPROPENE	1.3 U	12 U
TRANS-1,4-DICHLORO-2-BUTENE	1.3 U	12 U
TRICHLOROETHENE	20 J	33 J
TRICHLOROFLUOROMETHANE	1.3 U	12 U
VINYL ACETATE	1.3 U	12 UJ
VINYL CHLORIDE	1.3 U	12 U
Semivolatile Organics (UG/KG)		
1,2,4,5-TETRACHLOROBENZENE	74 U	78 U
1,2,4-TRICHLOROBENZENE	74 U	78 U
1,2-DICHLOROBENZENE	74 U	78 U
1,3-DICHLOROBENZENE	74 U	78 U
1,4-DICHLOROBENZENE	74 U	78 U
1,4-NAPHTHOQUINONE	74 U	78 U
1,4-PHENYLENEDIAMINE	74 UJ	78 UJ
1-NAPHTHYLAMINE	74 U	78 U
2,2'-OXYBIS(1-CHLOROPROPANE)	74 U	78 U
2,3,4,6-TETRACHLOROPHENOL	74 U	78 U
2,4,5-TRICHLOROPHENOL	74 U	78 U
2,4,6-TRICHLOROPHENOL	74 U	78 U

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB48	03SB48
NSAMPLE	03SB480206	03SB480610
SAMPLE	03SB480206	03SB480610
SACODE	NORMAL	NORMAL
DEPTH RANGE	2 - 6	6 - 10
QC_TYPE	NM	NM
STATUS	NORMAL	NORMAL
SAMPLE DATE	. .	. .
VALIDATED	Y	Y
COLLECTION METHOD	GRAB	GRAB
2,4-DICHLOROPHENOL	74 U	78 U
2,4-DIMETHYLPHENOL	74 U	78 U
2,4-DINITROPHENOL	74 UJ	78 UJ
2,6-DICHLOROPHENOL	74 U	78 U
2-ACETYLAMINOFLUORENE	74 U	78 U
2-CHLORONAPHTHALENE	74 U	78 U
2-CHLOROPHENOL	74 U	78 U
2-METHYLNAPHTHALENE	1.4 UJ	1.5 UJ
2-METHYLPHENOL	74 U	78 U
2-NAPHTHYLAMINE	74 U	78 U
2-NITROANILINE	74 U	78 U
2-NITROPHENOL	74 U	78 U
2-PICOLINE	74 U	78 U
3&4-METHYLPHENOL	74 U	78 U
3,3'-DICHLOROBENZIDINE	74 U	78 U
3,3'-DIMETHYLBENZIDINE	74 U	78 U
3-METHYLCHOLANTHRENE	74 U	78 U
3-NITROANILINE	74 U	78 U
4,6-DINITRO-2-METHYLPHENOL	74 U	78 U
4-AMINOBIPHENYL	74 U	78 U
4-BROMOPHENYL PHENYL ETHER	74 U	78 U
4-CHLORO-3-METHYLPHENOL	74 U	78 U
4-CHLOROANILINE	74 U	78 U
4-CHLOROPHENYL PHENYL ETHER	74 U	78 U
4-NITROANILINE	74 U	78 U
4-NITROPHENOL	74 U	78 U
4-NITROQUINOLINE-1-OXIDE	74 UJ	78 UJ
5-NITRO-O-TOLUIDINE	74 U	78 U
7,12-DIMETHYLBENZ(A)ANTHRACENE	74 U	78 U
A,A-DIMETHYLPHENETHYLAMINE	74 U	78 U
ACENAPHTHENE	1.4 UJ	1.5 UJ
ACENAPHTHYLENE	1.4 UJ	1.5 UJ
ACETOPHENONE	74 U	78 U
ANILINE	74 U	78 U
ANTHRACENE	1.4 UJ	1.5 UJ
ARAMITE	74 U	78 U
BENZO(A)ANTHRACENE	1.4 UJ	1.5 UJ
BENZO(A)PYRENE	1.4 UJ	1.5 UJ
BENZO(B)FLUORANTHENE	1.4 UJ	1.5 UJ
BENZO(G,H,I)PERYLENE	1.4 UJ	1.5 UJ
BENZO(K)FLUORANTHENE	1.4 UJ	1.5 UJ
BENZYL ALCOHOL	74 U	78 U
BIS(2-CHLOROETHOXY)METHANE	74 U	78 U
BIS(2-CHLOROETHYL)ETHER	74 U	78 U
BIS(2-ETHYLHEXYL)PHTHALATE	74 U	78 U
BUTYL BENZYL PHTHALATE	74 U	78 U
CHLOROBENZILATE	74 U	78 U
CHRYSENE	1.4 UJ	1.5 UJ
DI-N-BUTYL PHTHALATE	2700	890

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB48	03SB48
NSAMPLE	03SB480206	03SB480610
SAMPLE	03SB480206	03SB480610
SACODE	NORMAL	NORMAL
DEPTH RANGE	2 - 6	6 - 10
QC_TYPE	NM	NM
STATUS	NORMAL	NORMAL
SAMPLE DATE	- -	- -
VALIDATED	Y	Y
COLLECTION METHOD	GRAB	GRAB
DI-N-OCTYL PHTHALATE	74 UR	78 UR
DIALLATE	74 U	78 U
DIBENZO(A,H)ANTHRACENE	1.4 UJ	1.5 UJ
DIBENZOFURAN	74 U	78 U
DIETHYL PHTHALATE	74 U	78 U
DIMETHYL PHTHALATE	74 U	78 U
DIPHENYLAMINE	74 U	78 U
ETHYL METHANE SULFONATE	74 U	78 U
ETHYL PARATHION	74 U	78 U
FLUORANTHENE	1.4 UJ	1.5 UJ
FLUORENE	1.4 UJ	1.5 UJ
HEXACHLOROBENZENE	74 U	78 U
HEXACHLOROBUTADIENE	74 U	78 U
HEXACHLOROCYCLOPENTADIENE	74 UJ	78 UJ
HEXACHLOROETHANE	74 U	78 U
HEXACHLOROPROPENE	74 U	78 U
INDENO(1,2,3-CD)PYRENE	1.4 UJ	1.5 UJ
ISODRIN	74 U	78 U
ISOPHORONE	74 U	78 U
ISOSAFROLE	74 U	78 U
KEPONE	74 UR	78 UR
METHAPYRILENE	74 U	78 U
METHYL METHANE SULFONATE	74 U	78 U
METHYL PARATHION	74 U	78 U
N-NITROSO-DI-N-BUTYLAMINE	74 U	78 U
N-NITROSO-DI-N-PROPYLAMINE	74 U	78 U
N-NITROSODIETHYLAMINE	74 U	78 U
N-NITROSODIMETHYLAMINE	74 UJ	78 UJ
N-NITROSOMETHYLETHYLAMINE	74 U	78 U
N-NITROSOMORPHOLINE	74 U	78 U
N-NITROSOPIPERIDINE	74 U	78 U
N-NITROSOPYRROLIDINE	74 U	78 U
NAPHTHALENE	1.4 UJ	1.5 UJ
O,O,O-TRIETHYL PHOSPHOROTHIOATE	74 U	78 U
O-TOLUIDINE	74 U	78 U
P-(DIMETHYLAMINO)AZOBENZENE	74 U	78 U
PENTACHLOROBENZENE	74 U	78 U
PENTACHLOROETHANE	74 U	78 U
PENTACHLORONITROBENZENE	74 U	78 U
PHENACETIN	74 U	78 U
PHENANTHRENE	1.4 UJ	1.5 UJ
PHENOL	74 U	78 U
PRONAMIDE	74 U	78 U
PYRENE	1.4 UJ	1.5 UJ
PYRIDINE	74 UJ	78 UJ
SAFROLE	74 U	78 U
Energetics (MG/KG)		
1,3,5-TRINITROBENZENE	0.25 U	0.25 U
1,3-DINITROBENZENE	0.25 U	0.25 U

TABLE E-2

SUMMARY OF ANALYTIC RESULTS IN SUBSURFACE SOIL
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03SB48	03SB48
NSAMPLE	03SB480208	03SB480810
SAMPLE	03SB480208	03SB480810
SACODE	NORMAL	NORMAL
DEPTH RANGE	2 - 6	6 - 10
QC_TYPE	NM	NM
STATUS	NORMAL	NORMAL
SAMPLE DATE	. .	. .
VALIDATED	Y	Y
COLLECTION METHOD	GRAB	GRAB
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U
2,4-DINITROTOLUENE	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.25 U	0.25 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U
2-NITROTOLUENE	0.25 U	0.25 U
3-NITROTOLUENE	0.25 U	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U
4-NITROTOLUENE	0.25 U	0.25 U
HMX	0.25 U	0.25 U
NITROBENZENE	0.25 U	0.25 U
NITROCELLULOSE	540 U	580 U
NITROGLYCERIN	2.5 U	2.5 U
PETN	1.4 U	1.5 U
RDX	0.25 U	0.25 U
TETRYL	0.25 U	0.25 U
Inorganics (MG/KG)		
ALUMINUM	391 J	4250 J
ANTIMONY	30 J	12.4 J
ARSENIC	3.7 J	4.8 J
BARIUM	614 J	822 J
BERYLLIUM	0.26	0.56
CADMIUM	0.63	0.88
CALCIUM	869 J	3430 J
CHROMIUM	32.7 J	32.3 J
COBALT	740 J	487 J
COPPER	22500 J	9580 J
IRON	50900 J	49800 J
LEAD	3590 J	3410 J
MAGNESIUM	199 J	710 J
MANGANESE	1200 J	1440 J
MERCURY	0.025 J	0.025 J
NICKEL	79100 J	48300 J
POTASSIUM	273 J	505 J
SELENIUM	0.18 UJ	0.17 UJ
SILVER	33.9 J	16.8 J
SODIUM	140 J	220 J
THALLIUM	0.04 U	0.04 U
TIN	1830 J	507 J
VANADIUM	4.5 J	19.7 J
ZINC	263 J	157 J
Miscellaneous Parameters		
NITRATE (MG/KG)	1 UJ	1.1
NITRITE (MG/KG)	2 UJ	2.3 UJ
NITRITE/NITRATE (MG/KG)	1 UJ	2.8 J
PERCENT MOISTURE (%)	10.7	13.6
PERCHLORATE (UG/KG)	20 U	20 U

GROUND WATER

TABLE E-3

SUMMARY OF ANALYTIC RESULTS FOR GROUND WATER
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03-07	03-10	03-11	03-12	03-13	03-14	03-15	03-17	03-18	03-20	03-21	03-22	03-23	03-24
NSAMPLE	03GW0701	03GW1001	03GW1101	03GW1201	03GW1301	03GW1401	03GW1501	03GW1701	03GW1801	03GW2001	03GW2101	03GW2201	03GW2301	03GW2401
SAMPLE	03GW0701	03GW1001	03GW1101	03GW1201	03GW1301	03GW1401	03GW1501	03GW1701	03GW1801	03GW2001	03GW2101	03GW2201	03GW2301	03GW2401
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SACODE	ORIG	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (UG/L)														
1,1,1,2-TETRACHLOROETHANE	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,1-TRICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-TETRACHLOROETHANE	530	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	100	0.3 U	0.3 U	0.3 U	0.3 U	6	0.3 U	3.6 J
1,1,2-TRICHLOROETHANE	12	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	2.3	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.5 J
1,1-DICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROETHENE	1.1 J	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,2,3-TRICHLOROPROPANE	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,2-DIBROMO-3-CHLOROPROPANE	0.3 U	0.3 U	0.3 UJ	0.3 UJ	0.3 UJ	0.3 UJ	0.3 U	0.3 UJ	0.3 UJ	0.3 U	0.3 U	0.3 UJ	0.3 UJ	0.3 UJ
1,2-DIBROMOETHANE	0.3 U	0.3 UJ	0.3 U	0.3 U	0.3 U	0.3 U	0.3 UJ	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,2-DICHLOROETHANE	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,2-DICHLOROPROPANE	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,4-DIOXANE	44 U	44 U	44 U	44 U	44 U	44 U	44 U	44 U	44 U	44 U	44 U	44 U	44 U	44 U
2-BUTANONE	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
2-HEXANONE	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
3-CHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-METHYL-2-PENTANONE	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ACETONE	0.8 BU	0.5 BU	0.4 BU	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
ACETONITRILE	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
ACROLEIN	0.5 UR	0.5 UR	0.5 UR	0.5 UR	0.5 UR	0.5 UR	0.5 UR	0.5 UR	0.5 UR	0.5 UR	0.5 UR	0.5 UR	0.5 UR	0.5 UR
ACRYLONITRILE	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
BENZENE	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
BROMODICHLOROMETHANE	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
BROMOFORM	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOMETHANE	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.4 J	0.5 UJ	0.5 UJ	0.6	0.5 U	0.5 U	0.5	0.5 UJ
CARBON DISULFIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.3 U	0.3 UJ	0.3 U	0.3 U	0.3 U	0.3 U	0.3 UJ	0.3 UJ	0.3 U	0.3 U	0.3 UJ	0.3 UJ	0.3 U	0.3 U
CHLOROBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLORODIBROMOMETHANE	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
CHLOROETHANE	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U
CHLOROFORM	0.3 UJ	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
CHLOROMETHANE	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROPRENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CIS-1,2-DICHLOROETHENE	150	0.5 U	0.5 U	0.3 J	0.5 U	0.5 U	7.9	0.5 U	0.5 U	0.5 U	0.5 U	0.8	0.5 U	7.7
CIS-1,3-DICHLOROPROPENE	0.3 U	0.3 UJ	0.3 U	0.3 U	0.3 U	0.3 U	0.3 UJ	0.3 U	0.3 U	0.3 U	0.3 UJ	0.3 UJ	0.3 U	0.3 U
DIBROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DICHLORODIFLUOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
ETHYL METHACRYLATE	0.5 U	0.5 U	0.6 J	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ETHYLBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ISOBUTANOL	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U
METHACRYLONITRILE	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
METHYL IODIDE	0.5 UJ	0.5 UR	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UR	0.5 U	0.5 U	0.5 UJ	0.5 UR	0.5 UR	0.5 UJ	0.5 U
METHYL METHACRYLATE	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
METHYLENE CHLORIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
PROPIONITRILE	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U
STYRENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TETRACHLOROETHENE	5.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TOLUENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TOTAL XYLENES	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRANS-1,2-DICHLOROETHENE	37	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.2 J

TABLE E-3

SUMMARY OF ANALYTIC RESULTS FOR GROUND WATER
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03-07	03-10	03-11	03-12	03-13	03-14	03-15	03-17	03-18	03-20	03-21	03-22	03-23	03-24
NSAMPLE	03GW0701	03GW1001	03GW1101	03GW1201	03GW1301	03GW1401	03GW1501	03GW1701	03GW1801	03GW2001	03GW2101	03GW2201	03GW2301	03GW2401
SAMPLE	03GW0701	03GW1001	03GW1101	03GW1201	03GW1301	03GW1401	03GW1501	03GW1701	03GW1801	03GW2001	03GW2101	03GW2201	03GW2301	03GW2401
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SACODE	ORIG	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
TRANS-1,3-DICHLOROPROPENE	0.3 U	0.3 UJ	0.3 U	0.3 U	0.3 U	0.3 U	0.3 UJ	0.3 U	0.3 U	0.3 U	0.3 UJ	0.3 UJ	0.3 U	0.3 U
TRANS-1,4-DICHLORO-2-BUTENE	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U
TRICHLOROETHENE	640	0.9 U	0.5 U	3.7 J	0.5 U	0.5 U	57 J	0.5 U	0.5 U	0.3 J	1.8 U	6 J	0.5 U	23 J
TRICHLOROFLUOROMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VINYL ACETATE	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U
VINYL CHLORIDE	3.9	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Semivolatile Organics (UG/L)														
1,2,4,5-TETRACHLOROBENZENE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
1,2,4-TRICHLOROBENZENE	1 U	1 U	1 U	0.97 U	0.98 UJ	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
1,2-DICHLOROBENZENE	1 U	1 U	1 U	0.97 U	0.98 UJ	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
1,3-DICHLOROBENZENE	1 U	1 U	1 U	0.97 U	0.98 UJ	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
1,4-DICHLOROBENZENE	1 U	1 U	1 U	0.97 U	0.98 UJ	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
1,4-NAPHTHOQUINONE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
1,4-PHENYLENEDIAMINE	1 UR	1 UR	1 UR	0.97 UR	0.98 UR	1 UR	0.94 UR	1 UR	1.1 UR	1.1 UR	1 UR	0.94 UR	0.94 UR	0.95 UR
1-NAPHTHYLAMINE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
2,2'-OXYBIS(1-CHLOROPROPANE)	1 U	1 U	1 UJ	0.97 UJ	0.98 UJ	1 UJ	0.94 U	1 UJ	1.1 UJ	1.1 U	1 U	0.94 U	0.94 U	0.95 UJ
2,3,4,6-TETRACHLOROPHENOL	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
2,4,5-TRICHLOROPHENOL	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
2,4,6-TRICHLOROPHENOL	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
2,4-DICHLOROPHENOL	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
2,4-DIMETHYLPHENOL	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
2,4-DINITROPHENOL	1 UJ	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 UJ	1 U	0.94 U	0.94 UJ	0.95 U
2,6-DICHLOROPHENOL	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
2-ACETYLAMINOFLUORENE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
2-CHLORONAPHTHALENE	1 U	1 U	1 U	0.97 U	0.98 UJ	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
2-CHLOROPHENOL	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
2-METHYLNAPHTHALENE	0.021 U	0.02 U	0.021 U	0.02 U	0.019 U	0.02 U	0.019 U	0.02 U	0.021 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U
2-METHYLPHENOL	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
2-NAPHTHYLAMINE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
2-NITROANILINE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
2-NITROPHENOL	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
2-PICOLINE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
3&4-METHYLPHENOL	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
3,3'-DICHLOROBENZIDINE	1 U	1 U	1 U	0.97 U	0.98 UJ	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
3,3'-DIMETHYLBENZIDINE	1 UJ	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 UJ	1 U	0.94 U	0.94 UJ	0.95 U
3-METHYLCHOLANTHRENE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
3-NITROANILINE	1 U	1 U	1 U	0.97 U	0.98 UJ	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
4,6-DINITRO-2-METHYLPHENOL	1 UJ	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 UJ	1 U	0.94 U	0.94 UJ	0.95 U
4-AMINOBIPHENYL	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
4-BROMOPHENYL PHENYL ETHER	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
4-CHLORO-3-METHYLPHENOL	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
4-CHLOROANILINE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
4-CHLOROPHENYL PHENYL ETHER	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
4-NITROANILINE	1 U	1 U	1 U	0.97 U	0.98 UJ	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
4-NITROPHENOL	1 UJ	1 UJ	1 U	0.97 U	0.98 U	1 U	0.94 UJ	1 U	1.1 U	1.1 UJ	1 UJ	0.94 UJ	0.94 UJ	0.95 U
4-NITROQUINOLINE-1-OXIDE	1 UJ	1 UR	1 UR	0.97 UR	0.98 UR	1 UR	0.94 UR	1 UR	1.1 UR	1.1 U	1 UR	0.94 UR	0.94 U	0.95 UR
5-NITRO-O-TOLUIDINE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
7,12-DIMETHYLBENZ(A)ANTHRACENE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
A,A-DIMETHYLPHENETHYLAMINE	1 U	1 UJ	1 U	0.97 U	0.98 U	1 U	0.94 UJ	1 U	1.1 U	1.1 U	1 UJ	0.94 UJ	0.94 U	0.95 U
ACENAPHTHENE	0.021 U	0.02 U	0.021 U	0.02 U	0.019 U	0.02 U	0.019 U	0.02 U	0.021 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U

TABLE E-3

SUMMARY OF ANALYTIC RESULTS FOR GROUND WATER
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03-07	03-10	03-11	03-12	03-13	03-14	03-16	03-17	03-18	03-20	03-21	03-22	03-23	03-24
NSAMPLE	03GW0701	03GW1001	03GW1101	03GW1201	03GW1301	03GW1401	03GW1601	03GW1701	03GW1801	03GW2001	03GW2101	03GW2201	03GW2301	03GW2401
SAMPLE	03GW0701	03GW1001	03GW1101	03GW1201	03GW1301	03GW1401	03GW1501	03GW1701	03GW1801	03GW2001	03GW2101	03GW2201	03GW2301	03GW2401
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SACODE	ORIG	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
ACENAPHTHYLENE	0.021 U	0.02 U	0.021 U	0.02 U	0.019 U	0.02 U	0.019 U	0.02 U	0.021 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U
ACETOPHENONE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
ANILINE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
ANTHRACENE	0.021 U	0.02 U	0.021 U	0.02 U	0.019 U	0.02 U	0.019 U	0.02 U	0.021 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U
ARAMITE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
BENZO(A)ANTHRACENE	0.021 U	0.02 U	0.021 U	0.02 U	0.019 U	0.02 U	0.019 U	0.02 U	0.021 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U
BENZO(A)PYRENE	0.021 U	0.02 U	0.021 U	0.02 U	0.019 U	0.02 U	0.019 U	0.02 U	0.021 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U
BENZO(B)FLUORANTHENE	0.021 U	0.02 U	0.021 U	0.02 U	0.019 U	0.02 U	0.019 U	0.02 U	0.021 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U
BENZO(G,H,I)PERYLENE	0.021 U	0.02 U	0.021 U	0.02 U	0.019 U	0.02 U	0.019 U	0.02 U	0.021 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U
BENZO(K)FLUORANTHENE	0.021 U	0.02 U	0.021 U	0.02 U	0.019 U	0.02 U	0.019 U	0.02 U	0.021 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U
BENZYL ALCOHOL	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
BIS(2-CHLOROETHOXY)METHANE	1 U	1 U	1 U	0.97 U	0.98 UJ	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
BIS(2-CHLOROETHYL)ETHER	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
BIS(2-ETHYLHEXYL)PHTHALATE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	2 J	0.95 U
BUTYL BENZYL PHTHALATE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
CHLOROBENZILATE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
CHRYSENE	0.021 U	0.02 U	0.021 U	0.02 U	0.019 U	0.02 U	0.019 U	0.02 U	0.021 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U
DI-N-BUTYL PHTHALATE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
DI-N-OCTYL PHTHALATE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
DIALLATE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
DIBENZO(A,H)ANTHRACENE	0.021 U	0.02 U	0.021 U	0.02 U	0.019 U	0.02 U	0.019 U	0.02 U	0.021 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U
DIBENZOFURAN	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
DIETHYL PHTHALATE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
DIMETHYL PHTHALATE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
DIPHENYLAMINE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
ETHYL METHANE SULFONATE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
ETHYL PARATHION	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
FLUORANTHENE	0.021 U	0.02 U	0.021 U	0.02 U	0.019 U	0.02 U	0.019 U	0.02 U	0.021 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U
FLUORENE	0.021 U	0.02 U	0.021 U	0.02 U	0.019 U	0.02 U	0.019 U	0.02 U	0.021 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U
HEXACHLOROBENZENE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
HEXACHLOROBUTADIENE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
HEXACHLOROCYCLOPENTADIENE	1 U	1 UJ	1 U	0.97 U	0.98 UR	1 U	0.94 UJ	1 U	1.1 U	1.1 U	1 UJ	0.94 UJ	0.94 U	0.95 U
HEXACHLOROETHANE	1 U	1 UJ	1 U	0.97 U	0.98 UJ	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
HEXACHLOROPROPENE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
INDENO(1,2,3-CD)PYRENE	0.021 U	0.02 U	0.021 U	0.02 U	0.019 U	0.02 U	0.019 U	0.02 U	0.021 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U
ISODRIN	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
ISOPHORONE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
ISOSAFROLE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
KEPONE	1 UR	1 UR	1 UR	0.97 UR	0.98 UR	1 UR	0.94 UR	1 UR	1.1 UR	1.1 UR	1 UR	0.94 UR	0.94 UR	0.95 UR
METHAPYRILENE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
METHYL METHANE SULFONATE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
METHYL PARATHION	1 UJ	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 UJ	1 U	0.94 UJ	0.94 U	0.95 U
N-NITROSO-DI-N-BUTYLAMINE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
N-NITROSO-DI-N-PROPYLAMINE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
N-NITROSODIETHYLAMINE	1 U	1 U	1 UJ	0.97 UJ	0.98 UJ	1 UJ	0.94 U	1 UJ	1.1 UJ	1.1 U	1 U	0.94 U	0.94 U	0.95 UJ
N-NITROSODIMETHYLAMINE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
N-NITROSOMETHYLETHYLAMINE	1 U	1 U	1 UJ	0.97 UJ	0.98 UJ	1 UJ	0.94 U	1 UJ	1.1 UJ	1.1 U	1 U	0.94 U	0.94 U	0.95 UJ
N-NITROSOMORPHOLINE	1 U	1 U	1 UJ	0.97 UJ	0.98 UJ	1 UJ	0.94 U	1 UJ	1.1 UJ	1.1 U	1 U	0.94 U	0.94 U	0.95 UJ
N-NITROSOPIPERIDINE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
N-NITROSOPYRROLIDINE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U

TABLE E-3

SUMMARY OF ANALYTIC RESULTS FOR GROUND WATER
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03-07	03-10	03-11	03-12	03-13	03-14	03-15	03-17	03-18	03-20	03-21	03-22	03-23	03-24
NSAMPLE	03GW0701	03GW1001	03GW1101	03GW1201	03GW1301	03GW1401	03GW1501	03GW1701	03GW1801	03GW2001	03GW2101	03GW2201	03GW2301	03GW2401
SAMPLE	03GW0701	03GW1001	03GW1101	03GW1201	03GW1301	03GW1401	03GW1501	03GW1701	03GW1801	03GW2001	03GW2101	03GW2201	03GW2301	03GW2401
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SACODE	ORIG	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	• •	• •	• •	• •	• •	• •	• •	• •	• •	• •	• •	• •	• •	• •
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
NAPHTHALENE	0.02 U	0.02 U	0.02 U	0.019 U	0.02 U	0.02 U	0.019 U	0.02 U	0.021 U	0.021 U	0.02 U	0.019 U	0.019 U	0.019 U
O,O,O-TRIETHYL PHOSPHOROTHIOATE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
O-TOLUIDINE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
P-(DIMETHYLAMINO)AZOBENZENE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
PENTACHLOROBENZENE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
PENTACHLOROETHANE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
PENTACHLORONITROBENZENE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
PHENACETIN	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
PHENANTHRENE	0.021 U	0.02 U	0.021 U	0.02 U	0.019 U	0.02 U	0.019 U	0.02 U	0.021 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U
PHENOL	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
PRONAMIDE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
PYRENE	0.021 U	0.02 U	0.021 U	0.02 U	0.019 U	0.02 U	0.019 U	0.02 U	0.021 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U
PYRIDINE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
SAFROLE	1 U	1 U	1 U	0.97 U	0.98 U	1 U	0.94 U	1 U	1.1 U	1.1 U	1 U	0.94 U	0.94 U	0.95 U
Energetics (UG/L)														
1,3,5-TRINITROBENZENE	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.61	0.35 U	0.35 U	0.35 U
1,3-DINITROBENZENE	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
2,4,6-TRINITROTOLUENE	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	17	0.35 U	0.35 U	0.35 U
2,4-DINITROTOLUENE	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
2,6-DINITROTOLUENE	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
2-AMINO-4,6-DINITROTOLUENE	0.35 U	0.12 U	0.35 U	1	0.47 R	0.55 J	0.12 U	0.35 U	0.35 U	0.35 U	2.6	0.12 U	0.35 U	0.35 U
2-NITROTOLUENE	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
3-NITROTOLUENE	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
4-AMINO-2,6-DINITROTOLUENE	0.35 U	0.35 U	0.35 U	1.5	0.77 J	0.82 J	0.35 U	0.35 U	0.35 U	0.35 U	10	0.35 U	0.82 J	0.35 U
4-NITROTOLUENE	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
HMX	0.35 U	0.35 U	0.35 U	66	37	28	1.3	8.6	3.5	0.35 U	170 J	0.35 U	26	0.35 U
NITROBENZENE	0.64 R	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
NITROCELLULOSE	750 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	750 U	1000 U	1000 U	750 U	1000 U
NITROGLYCERIN	3.5 U	3.5 UJ	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 UJ	3.5 U	3.5 U
PETN	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
RDX	1.5 J	14	0.35 U	35	16	11	4.8	4.2	3.8	0.35 U	280 J	18	12	7.2
TETRYL	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
Total Metals (UG/L)														
ALUMINUM	7.5	7.5 UJ	228	63.6	340	13 U	21.2 U	26.6	218	46.8	4 U	29.5 U	11.4	78.8
ANTIMONY	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.12	0.5 U	0.5 U	0.1 U	0.1	0.1 U	0.1 U	0.5 U
ARSENIC	0.2 U	0.21	1 U	1 U	1 U	1 U	0.2 U	1 U	1 U	0.2 U	0.24	0.3	0.2 U	1 U
BARIUM	153 J	71.3 J	88.8 J	46.2 J	66.6 J	96.5 J	88.5 J	26.2 J	58.6 J	44.8 J	275 J	173 J	58.3 J	50.9 J
BERYLLIUM	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U
CADMIUM	0.7 U	0.7 U	3.5 U	3.5 U	3.5 U	3.5 U	0.7 U	3.5 U	12	0.7 U	0.7 U	0.7 U	0.7 U	3.5 U
CALCIUM	75700 J	117000 J	73400 J	42300 J	69400 J	91500 J	33500 J	50600 J	27600 J	13400 J	88400 J	149000 J	57100 J	76500 J
CHROMIUM	0.47 U	0.24	1.3 J	90.8 J	1 J	3.8 J	0.7	0.7 J	1 J	0.41 U	0.29	0.82	0.34 U	1.2 J
COBALT	0.46	0.12 U	0.5 U	2.2	1.6	0.5 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.16	0.12	0.5
COPPER	2.4 J	0.61 U	3 J	1.4 J	0.95 J	1.1 J	0.63 U	3 J	1.2 J	0.19 U	0.65 U	0.87 U	0.42 U	0.5 U
IRON	238 J	230 J	722 J	1210 J	1650 J	430 J	126 J	408 J	564 J	103 J	196 J	356 J	207 J	374 J
LEAD	0.17	0.1 U	0.85	0.5 U	0.95	0.5 U	0.13 U	0.5 U	0.85	0.1 U	0.1 U	0.3 U	0.1 U	0.5 U
MAGNESIUM	24200 J	18000 J	8210	7820	7290	11500	12600 J	3850	3880	2340 J	17400 J	33400 J	9770 J	22600
MANGANESE	255 J	0.54 U	31.5 J	38.3 J	445 J	2.1 J	2.5 J	4 J	18 J	3.7 J	0.55 U	8.8 J	16 J	20 J
MERCURY	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
NICKEL	3.6 J	2.1 J	3.2 J	91.2 J	8.3 J	4.6 J	3 J	2 J	1.9 J	1.7 J	1.8 J	3.8 J	2.2 J	2.4 J
POTASSIUM	9440 J	2100 J	2670 J	2680 J	1840 J	3400 J	3780 J	1240 J	1640 J	1140 J	3340 J	8310 J	1610 J	1390 J

TABLE E-3

SUMMARY OF ANALYTIC RESULTS FOR GROUND WATER
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03-07	03-10	03-11	03-12	03-13	03-14	03-15	03-17	03-18	03-20	03-21	03-22	03-23	03-24
NSAMPLE	03GW0701	03GW1001	03GW1101	03GW1201	03GW1301	03GW1401	03GW1501	03GW1701	03GW1801	03GW2001	03GW2101	03GW2201	03GW2301	03GW2401
SAMPLE	03GW0701	03GW1001	03GW1101	03GW1201	03GW1301	03GW1401	03GW1501	03GW1701	03GW1801	03GW2001	03GW2101	03GW2201	03GW2301	03GW2401
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SACODE	ORIG	NORMAL	NORMAL	ORIG	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
QC_TYPE	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
SELENIUM	0.4 U	0.41 J	2 U	2 U	2 U	2 U	0.71 J	2 U	2 U	0.4 U	0.67 J	0.79 J	0.4 U	2 U
SILVER	0.18 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 U	0.5 U	0.5 U	0.23 U	0.1 U	0.1 U	0.1 U	0.5 U
SODIUM	952 J	3530 J	1080 J	3140 J	4980 J	2350 J	1700 J	1800 J	1610 J	1290 J	1560 J	2870 J	4070 J	8930 J
THALLIUM	0.1 U	0.1 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.1 UJ	0.5 U	0.5 U	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.5 U
TIN	4.8 U	5 U	2 U	4.6 U	2 U	4.8 U	4.3 U	7 U	2.9 U	5.2 U	8.1 U	2.8 U	5.4 U	4.7 U
VANADIUM	0.1 U	0.37 U	0.7	0.8	1	0.5 U	0.45 U	0.5 U	0.65	0.1 U	0.78 U	0.53 U	0.1 U	0.5 U
ZINC	6.5 J	0.5 U	5.4	2.5 U	3.2	4.3	2.7 U	3.8	6	1.4 U	12.2 J	20.4 J	2 U	5.7
Dissolved Metals (UG/L)														
ALUMINUM														
ANTIMONY														
ARSENIC														
BARIUM														
BERYLLIUM														
CADMIUM														
CALCIUM														
CHROMIUM														
COBALT														
COPPER														
IRON														
LEAD														
MAGNESIUM														
MANGANESE														
MERCURY														
NICKEL														
POTASSIUM														
SELENIUM														
SILVER														
SODIUM														
THALLIUM														
TIN														
VANADIUM														
ZINC														
Miscellaneous Parameters (UG/L)														
PERCHLORATE	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
Field Parameters														
DISSOLVED OXYGEN (MG/L)	0.77	2.78	5.9	4.58	6.61	1.62	7.47	7.22	6.99	8.47	11.8	4.31	1.73	10.01
NITRATE (MG/L)	0.02	1.65 >	0	0.32	0.23	0.01	0.16	0.18	0.17	0.36	0.32	0.14	0.04	0.37
NITRITE (MG/L)	0	0	0	0	0	0.001	0	0.001	0.006	0	0.001	0.03	0	0.002
OXIDATION REDUCTION POTENTIAL (MV)	531	492	603.2	371.2	49	439	733	521	510.9	462	530	591	544	531.7
PH (S.U.)	4.92	6.23	3.2	6.09	6.32	6.2	5.5	3.74	5.43	5.66	5.48	6.34	4.09	5.54
SPECIFIC CONDUCTANCE (MS/CM)	0.843	0.639	0.424	0.309	0.395	0.617	0.27	0.334	0.231	0.149	0.546	0.874	0.458	0.616
TEMPERATURE (C)	14.3	15.16	16.4	13.2	13.5	14.3	16.3	13.7	14.8	12.6	15.1	16.4	13.7	14
TURBIDITY (NTU)	7.5	2.2	3.7	3.7	9	0.6	1.4	3.2	3.8	3.6	0.4	9.4	5.8	9

TABLE E-3

SUMMARY OF ANALYTIC RESULTS FOR GROUND WATER
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03-25	03-25	03-16
NSAMPLE	03GW2501	03GW2501-F	03GW1601
SAMPLE	03GW2501	03GW2501-F	03GW1601
MATRIX	GW	GW	BACKGROUND
SACODE	NORMAL	NORMAL	NORMAL
QC_TYPE	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL
SAMPLE_DATE	- -	- -	- -
VALIDATED	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB
Volatile Organics. (UG/L)			
1,1,1,2-TETRACHLOROETHANE	0.3 U		0.3 U
1,1,1-TRICHLOROETHANE	0.5 U		0.5 U
1,1,2,2-TETRACHLOROETHANE	0.3 U		0.3 U
1,1,2-TRICHLOROETHANE	0.3 U		0.3 U
1,1-DICHLOROETHANE	0.5 U		0.5 U
1,1-DICHLOROETHENE	0.3 U		0.3 U
1,2,3-TRICHLOROPROPANE	0.3 U		0.3 U
1,2-DIBROMO-3-CHLOROPROPANE	0.3 UJ		0.3 U
1,2-DIBROMOETHANE	0.3 U		0.3 UJ
1,2-DICHLOROETHANE	0.3 U		0.3 U
1,2-DICHLOROPROPANE	0.3 U		0.3 U
1,4-DIOXANE	44 U		44 U
2-BUTANONE	0.5 UJ		0.5 UJ
2-HEXANONE	0.5 UJ		0.5 U
3-CHLOROPROPENE	0.5 U		0.5 U
4-METHYL-2-PENTANONE	0.5 U		0.5 U
ACETONE	0.5 UJ		0.5 UJ
ACETONITRILE	3.7 U		3.7 U
ACROLEIN	0.5 UR		0.5 UR
ACRYLONITRILE	0.5 UJ		0.5 UJ
BENZENE	0.3 U		0.3 U
BROMODICHLOROMETHANE	0.3 U		0.3 U
BROMOFORM	0.5 U		0.5 U
BROMOMETHANE	0.3 J		0.5 U
CARBON DISULFIDE	0.5 U		0.5 U
CARBON TETRACHLORIDE	0.3 U		0.3 UJ
CHLOROBENZENE	0.5 U		0.5 U
CHLORODIBROMOMETHANE	0.3 U		0.3 U
CHLOROETHANE	0.5 U		0.5 UJ
CHLOROFORM	0.3 U		0.3 U
CHLOROMETHANE	0.5 U		0.5 U
CHLOROPRENE	0.5 U		0.5 U
CIS-1,2-DICHLOROETHENE	0.5 U		0.5 U
CIS-1,3-DICHLOROPROPENE	0.3 U		0.3 UJ
DIBROMOMETHANE	0.5 U		0.5 U
DICHLORODIFLUOROMETHANE	0.5 U		0.5 U
ETHYL METHACRYLATE	0.5 UJ		0.5 U
ETHYLBENZENE	0.5 U		0.5 U
ISOBUTANOL	8.3 U		8.3 U
METHACRYLONITRILE	0.5 UJ		0.5 U
METHYL IODIDE	0.5 U		0.5 UR
METHYL METHACRYLATE	0.5 U		0.5 UJ
METHYLENE CHLORIDE	0.5 U		0.5 U
PROPIONITRILE	4.6 U		4.6 U
STYRENE	0.5 U		0.5 U
TETRACHLOROETHENE	0.5 U		0.5 U
TOLUENE	0.5 U		0.5 U
TOTAL XYLENES	0.5 U		0.5 U
TRANS-1,2-DICHLOROETHENE	0.5 U		0.5 U

TABLE E-3

SUMMARY OF ANALYTIC RESULTS FOR GROUND WATER
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03-25	03-25	03-16
NSAMPLE	03GW2501	03GW2501-F	03GW1601
SAMPLE	03GW2501	03GW2501-F	03GW1601
MATRIX	GW	GW	BACKGROUND
SACODE	NORMAL	NORMAL	NORMAL
QC_TYPE	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .
VALIDATED	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB
TRANS-1,3-DICHLOROPROPENE	0.3 U		0.3 UJ
TRANS-1,4-DICHLORO-2-BUTENE	0.5 U		0.5 UJ
TRICHLOROETHENE	0.5 U		0.5 U
TRICHLOROFLUOROMETHANE	0.5 U		0.5 U
VINYL ACETATE	0.5 U		0.5 UJ
VINYL CHLORIDE	0.3 U		0.3 U
Semivolatile Organics (UG/L)			
1,2,4,5-TETRACHLOROBENZENE	0.98 U		1 UJ
1,2,4-TRICHLOROBENZENE	0.98 U		1 UJ
1,2-DICHLOROBENZENE	0.98 U		1 UJ
1,3-DICHLOROBENZENE	0.98 U		1 UJ
1,4-DICHLOROBENZENE	0.98 U		1 UJ
1,4-NAPHTHOQUINONE	0.98 U		1 UJ
1,4-PHENYLENEDIAMINE	0.98 UR		1 UR
1-NAPHTHYLAMINE	0.98 U		1 UJ
2,2'-OXYBIS(1-CHLOROPROPANE)	0.98 UJ		1 UJ
2,3,4,6-TETRACHLOROPHENOL	0.98 U		1 UJ
2,4,5-TRICHLOROPHENOL	0.98 U		1 UJ
2,4,6-TRICHLOROPHENOL	0.98 U		1 UJ
2,4-DICHLOROPHENOL	0.98 U		1 UJ
2,4-DIMETHYLPHENOL	0.98 U		1 UJ
2,4-DINITROPHENOL	0.98 U		1 UJ
2,6-DICHLOROPHENOL	0.98 U		1 UJ
2-ACETYLAMINOFLUORENE	0.98 U		1 UJ
2-CHLORONAPHTHALENE	0.98 U		1 UJ
2-CHLOROPHENOL	0.98 U		1 UJ
2-METHYLNAPHTHALENE	0.02 U		0.019 U
2-METHYLPHENOL	0.98 U		1 UJ
2-NAPHTHYLAMINE	0.98 U		1 UJ
2-NITROANILINE	0.98 U		1 UJ
2-NITROPHENOL	0.98 U		1 UJ
2-PICOLINE	0.98 U		1 UJ
3&4-METHYLPHENOL	0.98 U		1 UJ
3,3'-DICHLOROBENZIDINE	0.98 U		1 UJ
3,3'-DIMETHYLBENZIDINE	0.98 U		1 UJ
3-METHYLCHOLANTHRENE	0.98 U		1 UJ
3-NITROANILINE	0.98 U		1 UJ
4,6-DINITRO-2-METHYLPHENOL	0.98 U		1 UJ
4-AMINOBIPHENYL	0.98 U		1 UJ
4-BROMOPHENYL PHENYL ETHER	0.98 U		1 UJ
4-CHLORO-3-METHYLPHENOL	0.98 U		1 UJ
4-CHLOROANILINE	0.98 U		1 UJ
4-CHLOROPHENYL PHENYL ETHER	0.98 U		1 UJ
4-NITROANILINE	0.98 U		1 UJ
4-NITROPHENOL	0.98 U		1 UJ
4-NITROQUINOLINE-1-OXIDE	0.98 UR		1 UR
5-NITRO-O-TOLUIDINE	0.98 U		1 UJ
7,12-DIMETHYLBENZ(A)ANTHRACENE	0.98 U		1 UJ
A,A-DIMETHYLPHENETHYLAMINE	0.98 U		1 UJ
ACENAPHTHENE	0.02 U		0.019 U

TABLE E-3

SUMMARY OF ANALYTIC RESULTS FOR GROUND WATER
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03-25	03-25	03-16
NSAMPLE	03GW2501	03GW2501-F	03GW1601
SAMPLE	03GW2501	03GW2501-F	03GW1601
MATRIX	GW	GW	BACKGROUND
SACODE	NORMAL	NORMAL	NORMAL
QC_TYPE	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .
VALIDATED	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB
ACENAPHTHYLENE	0.02 U		0.019 U
ACETOPHENONE	0.98 U		1 UJ
ANILINE	0.98 U		1 UJ
ANTHRACENE	0.02 U		0.019 U
ARAMITE	0.98 U		1 UJ
BENZO(A)ANTHRACENE	0.02 U		0.019 U
BENZO(A)PYRENE	0.02 U		0.019 U
BENZO(B)FLUORANTHENE	0.02 U		0.019 U
BENZO(G,H,I)PERYLENE	0.02 U		0.019 U
BENZO(K)FLUORANTHENE	0.02 U		0.019 U
BENZYL ALCOHOL	0.98 U		1 UJ
BIS(2-CHLOROETHOXY)METHANE	0.98 U		1 UJ
BIS(2-CHLOROETHYL)ETHER	0.98 U		1 UJ
BIS(2-ETHYLHEXYL)PHTHALATE	0.98 U		1 UJ
BUTYL BENZYL PHTHALATE	0.98 U		1 UJ
CHLOROBENZILATE	0.98 U		1 UJ
CHRYSENE	0.02 U		0.019 U
DI-N-BUTYL PHTHALATE	0.98 U		1 UJ
DI-N-OCTYL PHTHALATE	0.98 U		1 UJ
DIALLATE	0.98 U		1 UJ
DIBENZO(A,H)ANTHRACENE	0.02 U		0.019 U
DIBENZOFURAN	0.98 U		1 UJ
DIETHYL PHTHALATE	0.98 U		1 UJ
DIMETHYL PHTHALATE	0.98 U		1 UJ
DIPHENYLAMINE	0.98 U		1 UJ
ETHYL METHANE SULFONATE	0.98 U		1 UJ
ETHYL PARATHION	0.98 U		1 UJ
FLUORANTHENE	0.02 U		0.019 U
FLUORENE	0.02 U		0.019 U
HEXACHLOROBENZENE	0.98 U		1 UJ
HEXACHLOROBUTADIENE	0.98 U		1 UJ
HEXACHLOROCYCLOPENTADIENE	0.98 U		1 UJ
HEXACHLOROETHANE	0.98 U		1 UJ
HEXACHLOROPROPENE	0.98 U		1 UJ
INDENO(1,2,3-CD)PYRENE	0.02 U		0.019 U
ISODRIN	0.98 U		1 UJ
ISOPHORONE	0.98 U		1 UJ
ISOSAFROLE	0.98 U		1 UJ
KEPONE	0.98 UR		1 UR
METHAPYRILENE	0.98 U		1 UJ
METHYL METHANE SULFONATE	0.98 U		1 UJ
METHYL PARATHION	0.98 U		1 UJ
N-NITROSO-DI-N-BUTYLAMINE	0.98 U		1 UJ
N-NITROSO-DI-N-PROPYLAMINE	0.98 U		1 UJ
N-NITROSODIETHYLAMINE	0.98 U		1 UJ
N-NITROSODIMETHYLAMINE	0.98 UJ		1 UJ
N-NITROSOMETHYLETHYLAMINE	0.98 U		1 UJ
N-NITROSOMORPHOLINE	0.98 UJ		1 UJ
N-NITROSOPIPERIDINE	0.98 UJ		1 UJ
N-NITROSOPYRROLIDINE	0.98 U		1 UJ

TABLE E-3

SUMMARY OF ANALYTIC RESULTS FOR GROUND WATER
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03-25	03-25	03-16
NSAMPLE	03GW2501	03GW2501-F	03GW1601
SAMPLE	03GW2501	03GW2501-F	03GW1601
MATRIX	GW	GW	BACKGROUND
SACODE	NORMAL	NORMAL	NORMAL
QC_TYPE	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .
VALIDATED	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB
NAPHTHALENE	0.02 U		0.02 U
O,O,O-TRIETHYL PHOSPHOROTHIOATE	0.98 U		1 UJ
O-TOLUIDINE	0.98 U		1 UJ
P-(DIMETHYLAMINO)AZOBENZENE	0.98 U		1 UJ
PENTACHLOROBENZENE	0.98 U		1 UJ
PENTACHLOROETHANE	0.98 U		1 UJ
PENTACHLORONITROBENZENE	0.98 U		1 UJ
PHENACETIN	0.98 U		1 UJ
PHENANTHRENE	0.02 U		0.019 U
PHENOL	0.98 U		1 UJ
PRONAMIDE	0.98 U		1 UJ
PYRENE	0.02 U		0.019 U
PYRIDINE	0.98 U		1 UJ
SAFROLE	0.98 U		1 UJ
Energetics (UG/L)			
1,3,5-TRINITROBENZENE	0.35 U		0.35 U
1,3-DINITROBENZENE	0.35 U		0.35 U
2,4,6-TRINITROTOLUENE	0.35 U		0.35 U
2,4-DINITROTOLUENE	0.35 U		0.35 U
2,6-DINITROTOLUENE	0.35 U		0.35 U
2-AMINO-4,6-DINITROTOLUENE	0.35 U		0.12 U
2-NITROTOLUENE	0.35 U		0.35 U
3-NITROTOLUENE	0.35 U		0.35 U
4-AMINO-2,6-DINITROTOLUENE	0.35 U		0.35 U
4-NITROTOLUENE	0.35 U		0.35 U
HMX	0.35 U		1.3
NITROBENZENE	0.35 U		0.35 U
NITROCELLULOSE	1000 U		1000 U
NITROGLYCERIN	3.5 U		3.5 U
PETN	0.18 U		0.18 U
RDX	0.35 U		24
TETRYL	0.35 U		0.35 U
Total Metals (UG/L)			
ALUMINUM	372		32.6 J
ANTIMONY	0.5 U		0.39
ARSENIC	1 U		0.44
BARIUM	19.4 J		43 J
BERYLLIUM	0.5 U		0.1 U
CADMIUM	3.5 U		0.7 U
CALCIUM	25400 J		50800 J
CHROMIUM	3 J		1
COBALT	0.5 U		0.1 U
COPPER	0.5 U		0.37 U
IRON	768 J		193 J
LEAD	0.8		0.21 U
MAGNESIUM	1230		4650 J
MANGANESE	27 J		6.7 J
MERCURY	0.1 U		0.1 U
NICKEL	1.3 J		1.2 J
POTASSIUM	923 J		1140 J

TABLE E-3

SUMMARY OF ANALYTIC RESULTS FOR GROUND WATER
SWMU 3 - OLD JEEP TRAIL/LITTLE SULPHUR CREEK
NSWC CRANE
CRANE, INDIANA

LOCATION	03-25	03-25	03-16
NSAMPLE	03GW2501	03GW2501-F	03GW1601
SAMPLE	03GW2501	03GW2501-F	03GW1601
MATRIX	GW	GW	BACKGROUND
SACODE	NORMAL	NORMAL	NORMAL
QC_TYPE	NM	NM	NM
STATUS	NORMAL	NORMAL	NORMAL
SAMPLE DATE	. .	. .	. .
VALIDATED	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB
SELENIUM	2 U		0.4 U
SILVER	0.5 U		0.14 U
SODIUM	2310 J		4750 J
THALLIUM	0.5		0.1 UJ
TIN	0.85 U		3.5 U
VANADIUM	1.2		0.85 U
ZINC	4.4		0.5 U
Dissolved Metals (UG/L)			
ALUMINUM		23.7	
ANTIMONY		0.5 U	
ARSENIC		1 U	
BARIUM		18.1 J	
BERYLLIUM		0.5 U	
CADMIUM		3.5 U	
CALCIUM		24400 J	
CHROMIUM		2.8 J	
COBALT		0.5 U	
COPPER		0.95 J	
IRON		98.8 J	
LEAD		0.5 U	
MAGNESIUM		1190	
MANGANESE		1 J	
MERCURY		4.7	
NICKEL		0.85 J	
POTASSIUM		950 J	
SELENIUM		2 U	
SILVER		0.5 U	
SODIUM		2460 J	
THALLIUM		0.5 U	
TIN		4.9 J	
VANADIUM		0.5 U	
ZINC		2.5 U	
Miscellaneous Parameters (UG/L)			
PERCHLORATE	4 U		4 U
Field Parameters			
DISSOLVED OXYGEN (MG/L)	19.32		9.75
NITRATE (MG/L)	0.18		1.29
NITRITE (MG/L)	0		0.007
OXIDATION REDUCTION POTENTIAL (MV)	490.1		545
PH (S.U.)	7.39		6.25
SPECIFIC CONDUCTANCE (MS/CM)	0.15		0.339
TEMPERATURE (C)	14		15.94
TURBIDITY (NTU)	25		10

2004 QAPP ADDENDUM NO. 1 ABG MTA AND OJT SOIL AND GROUND WATER MONITORING RESULTS

GROUND WATER

Summary of Chemicals Detected
April 2004
SWMU 3 - ABG/Jeep TRAIL - Ground Water Data

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03-01	03-07	03-07	03-09	03-12	03-15	03-16	03-21	03-24	03-31
NSAMPLE	03GW0101	03GW0702	03GW0702-D	03GW0901	03GW1202	03GW1502	03GW1602	03GW2102	03GW2402	03GW3101
SAMPLE	03GW0101	03GW0702	FD04240401	03GW0901	03GW1202	03GW1502	03GW1602	03GW2102	03GW2402	03GW3101
SUBMATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SACODE	NORMAL	NORMAL	DUP	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	4/4/2004	4/24/2004	4/24/2004	4/7/2004	4/18/2004	4/18/2004	4/8/2004	4/8/2004	4/8/2004	4/7/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/L)										
1,1,2,2-TETRACHLOROETHANE	0.3 U	940	910	0.3 U	0.3 U	22	0.3 U	0.3 U	5.3	0.3 U
1,1,2-TRICHLOROETHANE	0.3 U	35 J	18 J	0.3 U	0.3 U	0.8 J	0.3 U	0.3 U	0.4 J	0.3 U
1,1-DICHLOROETHENE	0.3 U	2.9 J	0.7 J	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,2-DICHLOROETHANE	4.9	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
CARBON TETRACHLORIDE	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
CHLOROETHANE	0.5 U	2.6 J	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROFORM	0.3 U	1	0.6 J	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
CIS-1,2-DICHLOROETHENE	0.3 U	210	160	0.3 U	0.3 U	12	0.3 U	0.3 U	6.5	0.3 U
ETHYLBENZENE	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
TETRACHLOROETHENE	0.3 U	9.8 J	6.8 J	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
TOTAL XYLENES	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
TRANS-1,2-DICHLOROETHENE	0.3 U	99 J	39 J	0.3 U	0.3 U	1.7	0.3 U	0.3 U	1	0.3 U
TRICHLOROETHENE	52	920	1100	0.3 U	2.2	30	0.3 U	0.6 J	17	0.6 J
VINYL CHLORIDE	0.3 U	7.4 J	3.6 J	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Energetics (ug/L)										
1,3,5-TRINITROBENZENE	0.269 U	0.25 U	0.258 U	0.264 U	0.258 U	0.26 U	0.255 U	0.264 U	0.24 U	0.26 U
2,4,6-TRINITROTOLUENE	0.269 U	0.25 U	0.258 U	0.264 U	0.258 U	0.26 U	0.255 U	4	0.24 U	0.26 U
2,6-DINITROTOLUENE	0.269 U	0.25 U	0.258 U	0.264 U	0.258 U	0.26 U	0.255 U	0.264 U	0.24 U	0.26 U
2-AMINO-4,6-DINITROTOLUENE	0.35 J	0.25 U	0.258 U	0.264 U	0.56 J	0.26 U	0.255 U	0.68 J	0.24 U	0.26 U
4-AMINO-2,6-DINITROTOLUENE	0.78	0.43 J	0.45 J	0.264 U	0.91	0.26 U	0.255 U	2.7	0.24 U	0.26 U
HMX	3.5	0.92 J	0.86 J	0.264 U	82	0.78	3.8	68	0.28 J	59
RDX	70	1.1	1.1	0.264 U	39	13	19	120	7.7	1.8
Total Metals (ug/L)										
ALUMINUM	8.35 U	71.8 J	54.9 J	8.35 U	30.5 J	67.7 J	163 J	37.5 U	74.5 J	10 U
ANTIMONY	0.085 U	0.15 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.95 U
ARSENIC	0.08 U	0.24 U	0.07 U	0.39 U	0.047 U	0.1 U	0.43 U	0.047 U	0.28 U	1.1 U
BARIUM	26.1 J	136 J	129 J	54.8 J	49.8 J	73.4 J	46.6 J	252 J	42.9 J	14.6 J
BERYLLIUM	0.02 U	0.03 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
CADMIUM	0.039 U	0.1 U	0.07 U	0.08 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U
CALCIUM	142000 J	101000 J	99600 J	155000 J	48900 J	75100 J	57200 J	90000 J	86800 J	46800 J
CHROMIUM	0.91 U	0.42 U	0.28 U	0.22 U	1.6 J	0.8 U	1.5 U	0.3 U	1.5 U	3.4 J
COBALT	0.088 U	0.31 U	0.3 U	0.99 U	0.088 U	0.088 U	0.088 U	0.088 U	0.088 U	0.088 U
COPPER	0.08 U	2 J	1.6 U	0.28 U	0.11 U	0.18 U	0.18 U	0.24 U	0.11 U	0.18 U
IRON	6.8 U	121 J	374 J	82.9 J	47 J	142 J	308 J	55.1 J	116 J	16.3 U
LEAD	0.069 U	0.21 U	0.069 U	0.23 U	0.069 U	0.1 U	0.27 U	0.069 U	0.069 U	0.069 U
MAGNESIUM	34100 J	39600 J	30200 J	87400 J	7840 J	16800 J	4880 J	15300 J	23000 J	2990 J
MANGANESE	2.8 J	285 J	144 J	445	5.2	12.5	22.1	6.8	7.9	4.6 J
MERCURY	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
NICKEL	0.34 U	1.6 J	3.9 J	9.3 J	0.66 U	1.5 J	0.46 U	0.33 U	0.23 U	0.1 U
POTASSIUM	1420 J	10400 J	8690 J	2920 J	2710 J	3970 J	1310 J	2830 J	1610 J	2030 J
SELENIUM	0.094 U	0.094 U	0.19 U	0.094 U	0.094 U	0.6 J	0.094 U	0.44 U	0.37 U	0.19 U
SODIUM	6060 J	1800 J	1530 J	31100 J	3410 J	2660 J	4870 J	2320 J	9140 J	3260 J
VANADIUM	1.14 U	1.14 U	1.14 U	1.5 J	1.14 U	1.14 U	1.14 U	1.14 U	1.14 U	1.2 J
ZINC	4.5 J	4.4 U	2.9 U	5.1 J	2.9 U	2 U	3.9 J	8.7 J	4.2 J	3.6 J

Summary of Chemicals Detected
April 2004
SWMU 3 - ABG/Jeep TRAIL - Ground Water Data

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03-01	03-07	03-07	03-09	03-12	03-15	03-16	03-21	03-24	03-31
NSAMPLE	03GW0101	03GW0702	03GW0702-D	03GW0901	03GW1202	03GW1502	03GW1602	03GW2102	03GW2402	03GW3101
SAMPLE	03GW0101	03GW0702	FD04240401	03GW0901	03GW1202	03GW1502	03GW1602	03GW2102	03GW2402	03GW3101
SUBMATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
SACODE	NORMAL	NORMAL	DUP	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	4/4/2004	4/24/2004	4/24/2004	4/7/2004	4/18/2004	4/18/2004	4/8/2004	4/8/2004	4/8/2004	4/7/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Dissolved Metals (ug/L)										
ALUMINUM, FILTERED										
ANTIMONY, FILTERED										
ARSENIC, FILTERED										
BARIUM, FILTERED										
CADMIUM, FILTERED										
CALCIUM, FILTERED										
COBALT, FILTERED										
COPPER, FILTERED										
IRON, FILTERED										
LEAD, FILTERED										
MAGNESIUM, FILTERED										
MANGANESE, FILTERED										
MERCURY, FILTERED										
NICKEL, FILTERED										
POTASSIUM, FILTERED										
SELENIUM, FILTERED										
SODIUM, FILTERED										
VANADIUM, FILTERED										
ZINC, FILTERED										
Field Parameters										
DISSOLVED OXYGEN - METER (UG/L)	6.61	4.92		1.89	6.38	5.94	11.22	8.21	6.09	8.99
OXIDATION REDUCTION POTENTIAL (MV	232.3	145		97.9	268	452	251.600000	480	473	399
PH (S.U.)	6.84	6.63		6.9	6.4	6.09	7.57	6.45	6.94	8.01
SPECIFIC CONDUCTANCE (MS/CM)	0.748	0.608		1.003	0.275	0.393	0.238	0.422	0.461	0.209
TEMPERATURE (C)	12.78	11.54		13.28	15.22	16.98	11.99	12.19	12.14	11.88
TURBIDITY (NTU)	0.85	4.07		1.59	1.69	7.77	9.5	4.04	9.62	1.73
Miscellaneous Parameters (ug/L)										
PERCHLORATE		2 U		2 U		2 U				
PERCHLORATE-8321										

Summary of Chemicals Detected
April 2004
SWMU 3 - ABG/Jeep TRAIL - Ground Water Data

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03-33	03-33	03-38	03-39	03-39	03C01P2	03C03P2	03C03P2	03C03P2	03C03P2
NSAMPLE	03GW3301	03GW3301-F	03GW3801	03GW3901	03GW3901-D	03GWC01P201	03GWC03P201	03GWC03P201-D	03GWC03P201-F	03GWC03P201-F-D
SAMPLE	03GW3301	03GW3301-F	03GW3801	03GW3901	FD04220403	03GWC01P201	03GWC03P201	FD04070401	03GWC03P201-F	FD04070401-F
SUBMATRIX	GW	GF	GW	GW	GW	GW	GW	GW	GF	GF
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	DUP	NORMAL	NORMAL	DUP	NORMAL	DUP
SAMPLE DATE	4/6/2004	4/4/2004	4/4/2004	4/22/2004	4/22/2004	4/6/2004	4/7/2004	4/7/2004	4/7/2004	4/7/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/L)										
1,1,2,2-TETRACHLOROETHANE	0.3 U		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U		
1,1,2-TRICHLOROETHANE	0.3 U		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U		
1,1-DICHLOROETHENE	0.3 U		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U		
1,2-DICHLOROETHANE	0.3 U		5.5	2.4	2.3	0.3 U	4.1	4.2		
CARBON TETRACHLORIDE	0.3 U		0.3 J	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U		
CHLOROETHANE	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
CHLOROFORM	0.3 U		0.4 J	0.3 U	0.3 U	0.3 U	0.7 J	0.7 J		
CIS-1,2-DICHLOROETHENE	0.3 U		0.3 U	0.3 U	0.3 U	0.3 U	62	64		
ETHYLBENZENE	0.3 U		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U		
TETRACHLOROETHENE	0.3 U		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U		
TOTAL XYLENES	0.3 U		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U		
TRANS-1,2-DICHLOROETHENE	0.3 U		0.3 U	0.3 U	0.3 U	0.3 U	5.1	5.3		
TRICHLOROETHENE	0.8 J		130	180	190	0.3 U	120	130		
VINYL CHLORIDE	0.3 U		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U		
Energetics (ug/L)										
1,3,5-TRINITROBENZENE	0.24 U		0.245 U	0.27 U	0.248 U	0.272 U	6.6 J	12 J		
2,4,6-TRINITROTOLUENE	0.24 U		0.245 U	0.27 U	0.248 U	0.272 U	1.5 J	1.8		
2,6-DINITROTOLUENE	0.24 U		0.33 J	0.47 J	0.4 J	0.272 U	0.5 J	0.68 J		
2-AMINO-4,6-DINITROTOLUENE	0.24 U		0.36 J	0.27 U	0.248 U	0.272 U	4.3	5.4 J		
4-AMINO-2,6-DINITROTOLUENE	0.24 U		0.99	0.7	0.68	0.272 U	4.5	4.8		
HMX	48		7	3	2.8	0.272 U	75	86		
RDX	22		130	78	73	0.272 U	620	680		
Total Metals (ug/L)										
ALUMINUM	50.5 J		95.6 J	36.6 J	25.8 J	16.2 U	28.3 U	24.8 U		
ANTIMONY	0.12 U		0.085 U	0.1 U	0.085 U	0.68 U	1 U	1.3 U		
ARSENIC	0.23 U		0.13 U	0.047 U	0.05 U	0.65 U	0.62 U	0.63 U		
BARIUM	71.2 J		19.2 J	14.6 J	14.2 J	49.4 J	93.3 J	96.9 J		
BERYLLIUM	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		
CADMIUM	0.039 U		0.039 U	0.039 U	0.09 U	0.039 U	0.14 U	0.1 U		
CALCIUM	133000 J		102000 J	75800 J	83100 J	97300 J	118000 J	116000 J		
CHROMIUM	0.68 U		1.8 U	1.1 J	1.1 J	0.47 U	1.2 U	1.1 U		
COBALT	0.1 U		0.088 U	0.088 U	0.088 U	0.088 U	1.7 U	2 J		
COPPER	0.3 U		1 U	0.2 U	0.21 U	0.94 U	1.9 U	2.5 J		
IRON	148 J		212 J	106 J	85.6 J	968 J	235 J	261 J		
LEAD	0.44 U		0.11 U	0.11 U	0.07 U	0.069 U	2.2 J	3.1 J		
MAGNESIUM	16400 J		22600 J	10700 J	11000 J	41300 J	24400 J	24000 J		
MANGANESE	20.2		15.7	6.5	6.2	43.7	428	561		
MERCURY	0.03 U		0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U		
NICKEL	0.31 U		0.54 U	0.24 U	0.3 U	0.25 U	3.4 J	4 J		
POTASSIUM	3410 J		1290 J	1060 J	1040 J	1950 J	12900 J	15200 J		
SELENIUM	0.2 U		0.1 U	0.23 U	0.27 U	0.094 U	0.16 U	0.094 U		
SODIUM	135000 J		6200 J	4810 J	4710 J	20000 J	28500 J	31600 J		
VANADIUM	1.14 U		1.14 U	1.14 U	1.14 U	1.14 U	1.14 U	1.14 U		
ZINC	3 J		5.2 J	1.6 U	1.6 U	3.9 J	4 J	6.6 J		

Summary of Chemicals Detected
April 2004
SWMU 3 - ABG/Jeep TRAIL - Ground Water Data

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03-33	03-33	03-38	03-39	03-39	03C01P2	03C03P2	03C03P2	03C03P2	03C03P2
NSAMPLE	03GW3301	03GW3301-F	03GW3801	03GW3901	03GW3901-D	03GWC01P201	03GWC03P201	03GWC03P201-D	03GWC03P201-F	03GWC03P201-F-D
SAMPLE	03GW3301	03GW3301-F	03GW3801	03GW3901	FD04220403	03GWC01P201	03GWC03P201	FD04070401	03GWC03P201-F	FD04070401-F
SUBMATRIX	GW	GF	GW	GW	GW	GW	GW	GW	GF	GF
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	DUP	NORMAL	NORMAL	DUP	NORMAL	DUP
SAMPLE DATE	4/6/2004	4/4/2004	4/4/2004	4/22/2004	4/22/2004	4/6/2004	4/7/2004	4/7/2004	4/7/2004	4/7/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Dissolved Metals (ug/L)										
ALUMINUM, FILTERED		8.35 U							8.35 U	8.35 U
ANTIMONY, FILTERED		0.085 U							0.44 U	0.24 U
ARSENIC, FILTERED		0.1 U							0.5 U	0.36 U
BARIUM, FILTERED		71.1 J							83.8 J	77.8 J
CADMIUM, FILTERED		0.039 U							0.039 U	0.039 U
CALCIUM, FILTERED		130000 J							113000 J	112000 J
COBALT, FILTERED		3.1 J							1.1 U	0.83 U
COPPER, FILTERED		0.25 U							2 U	0.8 U
IRON, FILTERED		6.15 U							68.6 J	56.7 J
LEAD, FILTERED		0.069 U							0.33 U	0.17 U
MAGNESIUM, FILTERED		16400 J							23000 J	22600 J
MANGANESE, FILTERED		4.3 J							76.3	73.2
MERCURY, FILTERED		0.03 U							0.03 U	0.03 U
NICKEL, FILTERED		0.43 U							2.4 J	2 U
POTASSIUM, FILTERED		3260 J							9520 J	8430 J
SELENIUM, FILTERED		0.24 U							0.16 U	0.1 U
SODIUM, FILTERED		123000 J							25600 J	22900 J
VANADIUM, FILTERED		1.14 U							1.14 U	1.14 U
ZINC, FILTERED		3.7 J							5.1 J	4.3 J
Field Parameters										
DISSOLVED OXYGEN - METER (UG/L)	12.93		7.98	6.95		0.79	1.24			
OXIDATION REDUCTION POTENTIAL (MV	226.5		251.4	196		-97.5	238.700000			
PH (S.U.)	7.37		6.7	7.2		7.61	6.79			
SPECIFIC CONDUCTANCE (MS/CM)	1.166		0.535	0.43		0.67	0.72			
TEMPERATURE (C)	11.79		13.55	13.14		13.48	15.6			
TURBIDITY (NTU)	15		9.8	8.35		7.79	15.6			
Miscellaneous Parameters (ug/L)										
PERCHLORATE	2 U		74							
PERCHLORATE-8321			67							

Summary of Chemicals Detected
April 2004
SWMU 3 - ABG/Jeep TRAIL - Ground Water Data

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03C05	03C05	03C06	03C14	03C21	03C28	03SB060/TW01	03SB063/TW02	03SB063/TW02	03SB090/TW03
NSAMPLE	03GWC0501	03GWC0501-D	03GWC0601	03GWC1401	03GWC2101	03GWC2801	03GWTW01	03GWTW02	03GWTW02-F	03GWTW03
SAMPLE	03GWC0501	FD04080401	03GWC0601	03GWC1401	03GWC2101	03GWC2801	03GWTW01	03GWTW02	03GWTW02-F	03GWTW03
SUBMATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GF	GW
SACODE	NORMAL	DUP	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	4/8/2004	4/8/2004	4/6/2004	4/7/2004	4/6/2004	4/8/2004	4/17/2004	4/19/2004	4/19/2004	4/19/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/L)										
1,1,2,2-TETRACHLOROETHANE	0.3 U		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U		0.3 U
1,1,2-TRICHLOROETHANE	0.3 U		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U		0.3 U
1,1-DICHLOROETHENE	0.3 U		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.8 J		0.3 U
1,2-DICHLOROETHANE	0.3 U		0.3 U	0.8 J	0.3 U	0.3 U	0.3 U	0.3 U		0.3 U
CARBON TETRACHLORIDE	0.3 U		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U		0.3 U
CHLOROETHANE	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U
CHLOROFORM	0.3 U		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U		0.3 U
CIS-1,2-DICHLOROETHENE	0.3 U		0.3 U	0.3 U	0.3 U	0.3 U	0.6 J	77		0.3 U
ETHYLBENZENE	0.3 U		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U		0.3 U
TETRACHLOROETHENE	0.3 U		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U		0.3 U
TOTAL XYLENES	0.3 U		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U		0.3 U
TRANS-1,2-DICHLOROETHENE	0.3 U		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	17		0.3 U
TRICHLOROETHENE	0.3 U		7.5	0.3 U	0.3 U	0.3 U	0.3 U	310		0.3 U
VINYL CHLORIDE	0.3 U		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	1.2		0.3 U
Energetics (ug/L)										
1,3,5-TRINITROBENZENE	0.258 U		0.25 U	0.248 U	0.258 U	0.253 U	0.25 U	0.24 U		0.242 U
2,4,6-TRINITROTOLUENE	0.258 U		0.25 U	0.248 U	0.258 U	0.253 U	0.25 U	0.24 U		0.242 U
2,6-DINITROTOLUENE	0.258 U		0.25 U	0.248 U	0.258 U	0.253 U	0.25 U	0.24 U		0.242 U
2-AMINO-4,6-DINITROTOLUENE	0.258 U		0.25 U	0.248 U	0.258 U	0.253 U	0.25 U	0.24 U		0.242 U
4-AMINO-2,6-DINITROTOLUENE	0.258 U		0.25 U	0.248 U	0.258 U	0.253 U	0.25 U	0.24 U		0.242 U
HMX	0.258 U		0.25 U	0.248 U	0.258 U	0.253 U	3.1	1.6		0.242 U
RDX	0.258 U		0.25 U	0.9	0.258 U	0.253 U	0.99	2.3		0.242 U
Total Metals (ug/L)										
ALUMINUM	478 J		11.9 U	75.3 J	22.1 U	80.9 J	76.1 J	689 J		76200 J
ANTIMONY	0.39 U		0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	2.6 J		0.27 U
ARSENIC	0.78 U		0.13 U	0.46 U	0.14 U	0.3 U	2.8 J	2.9 J		45.8 J
BARIUM	52.7 J		49.8 J	60.4 J	39.4 J	69 J	230 J	62.9 J		1140 J
BERYLLIUM	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.04 U		2.9 J
CADMIUM	0.039 U		0.039 U	0.24 U	0.039 U	0.039 U	0.039 U	0.21 U		2.9 J
CALCIUM	95500 J		81400 J	127000 J	87900 J	95800 J	64200 J	59600 J		197000 J
CHROMIUM	1.9 U		0.46 U	0.38 U	0.22 U	0.75 U	0.33 U	1.6 J		72.2 J
COBALT	0.37 U		0.088 U	0.12 U	0.13 U	0.088 U	2.9 J	2.4 J		56.2 J
COPPER	0.64 U		0.96 U	0.13 U	0.18 U	0.58 U	0.24 U	5.3 J		195 J
IRON	1080 J		17 U	439 J	351 J	152 J	9690 J	1830 J		141000 J
LEAD	0.83 U		0.27 U	0.24 U	0.1 U	0.37 U	0.18 U	6.2 J		329 J
MAGNESIUM	9220 J		31100 J	24400 J	25600 J	41100 J	20800 J	19000 J		58000 J
MANGANESE	51.3		11.5	52.5	63.8	4.5 J	1080	1270		2000
MERCURY	0.03 U		0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U		0.03 U
NICKEL	1.3 U		0.3 U	0.39 U	0.37 U	0.4 U	2.4 J	5.1 J		188 J
POTASSIUM	1340 J		1260 J	1460 J	1290 J	1440 J	13400 J	275000 J		11500 J
SELENIUM	1.7 J		0.42 U	0.094 U	0.094 U	0.72 J	0.094 U	3.4 J		0.57 J
SODIUM	7940 J		9940 J	9760 J	6860 J	34300 J	10500 J	242000 J		35600 J
VANADIUM	1.5 J		1.14 U	1.14 U	1.14 U	1.14 U	1.14 U	1.5 J		53.3
ZINC	7.5 J		2.7 J	1.3 J	3.6 J	6.6 J	3.2 U	22.3 J		1180 J

Summary of Chemicals Detected
April 2004
SWMU 3 - ABG/Jeep TRAIL - Ground Water Data

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03C05	03C05	03C06	03C14	03C21	03C28	03SB060/TW01	03SB063/TW02	03SB063/TW02	03SB090/TW03
NSAMPLE	03GWC0501	03GWC0501-D	03GWC0601	03GWC1401	03GWC2101	03GWC2801	03GWTW01	03GWTW02	03GWTW02-F	03GWTW03
SAMPLE	03GWC0501	FD04080401	03GWC0601	03GWC1401	03GWC2101	03GWC2801	03GWTW01	03GWTW02	03GWTW02-F	03GWTW03
SUBMATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GF	GW
SACODE	NORMAL	DUP	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	4/8/2004	4/8/2004	4/6/2004	4/7/2004	4/6/2004	4/8/2004	4/17/2004	4/19/2004	4/19/2004	4/19/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Dissolved Metals (ug/L)										
ALUMINUM, FILTERED									15.2 J	
ANTIMONY, FILTERED									3.1 J	
ARSENIC, FILTERED									2.4 J	
BARIUM, FILTERED									53.5 J	
CADMIUM, FILTERED									0.09 U	
CALCIUM, FILTERED									54300 J	
COBALT, FILTERED									1.8 J	
COPPER, FILTERED									2.3 J	
IRON, FILTERED									45.7 J	
LEAD, FILTERED									0.39 U	
MAGNESIUM, FILTERED									18100 J	
MANGANESE, FILTERED									1220	
MERCURY, FILTERED									0.03 U	
NICKEL, FILTERED									3.7 J	
POTASSIUM, FILTERED									274000 J	
SELENIUM, FILTERED									3.4 J	
SODIUM, FILTERED									244000 J	
VANADIUM, FILTERED									1.14 U	
ZINC, FILTERED									3.1 U	
Field Parameters										
DISSOLVED OXYGEN - METER (UG/L)	11.76		3.81	0.34	0.4	12.43	0.92	0.54		
OXIDATION REDUCTION POTENTIAL (MV	264.200000		462	64	148.600000	263.400000	-50.9	-13.9		159
PH (S.U.)	7.43		6.91	5.95	7.18	7.36	6.35	7.38		7.18
SPECIFIC CONDUCTANCE (MS/CM)	0.455		0.527	0.558	0.461	0.596	0.481	1.659		1.095
TEMPERATURE (C)	14.18		13.73	14.14	13.44	12.78	12.71	11.7		16.3
TURBIDITY (NTU)	9.77		3.47	4.22	4.06	9	6.54	37.6		1000 >
Miscellaneous Parameters (ug/L)										
PERCHLORATE	2 U	2 U					2 U			
PERCHLORATE-8321										

Summary of Chemicals Detected
April 2004
SWMU 3 - ABG/Jeep TRAIL - Ground Water Data

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03
LOCATION	03SB090/TW03	03TW04	03TW04	03SB103/TW05	03SB103/TW05	03SB050/TW06	03SB050/TW06
NSAMPLE	03GWTW03-F	03GWTW04	03GWTW04-F	03GWTW05	03GWTW05-F	03GWTW06	03GWTW06-F
SAMPLE	03GWTW03-F	03GWTW04	03GWTW04-F	03GWTW05	03GWTW05-F	03GWTW06	03GWTW06-F
SUBMATRIX	GF	GW	GF	GW	GF	GW	GF
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	4/19/2004	4/21/2004	4/21/2004	4/21/2004	4/21/2004	4/24/2004	4/24/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/L)							
1,1,2,2-TETRACHLOROETHANE		0.3 U		0.3 U		0.3 U	
1,1,2-TRICHLOROETHANE		0.3 U		0.3 U		0.3 U	
1,1-DICHLOROETHENE		0.3 U		0.3 U		0.3 U	
1,2-DICHLOROETHANE		0.3 U		0.3 U		0.3 U	
CARBON TETRACHLORIDE		0.3 U		0.3 U		0.3 U	
CHLOROETHANE		0.5 U		0.5 U		0.5 U	
CHLOROFORM		0.3 U		0.3 U		0.3 U	
CIS-1,2-DICHLOROETHENE		0.3 U		180		0.3 U	
ETHYLBENZENE		0.3 U		1.7		0.3 U	
TETRACHLOROETHENE		0.3 U		0.3 U		0.3 U	
TOTAL XYLENES		0.3 U		0.8 J		0.3 U	
TRANS-1,2-DICHLOROETHENE		0.3 U		0.3 J		0.3 U	
TRICHLOROETHENE		0.3 U		23		0.3 U	
VINYL CHLORIDE		0.3 U		7		0.3 U	
Energetics (ug/L)							
1,3,5-TRINITROBENZENE		0.24 U		0.25 U		0.266 U	
2,4,6-TRINITROTOLUENE		0.24 U		0.25 U		0.266 U	
2,6-DINITROTOLUENE		0.24 U		0.25 U		0.266 U	
2-AMINO-4,6-DINITROTOLUENE		0.24 U		0.81 J		0.266 U	
4-AMINO-2,6-DINITROTOLUENE		0.24 U		2.2		0.266 U	
HMX		3.9		16		0.266 U	
RDX		0.73		76		0.266 U	
Total Metals (ug/L)							
ALUMINUM		1440 J		166 J		9130 J	
ANTIMONY		1.4 J		27.9 J		0.085 U	
ARSENIC		1.3 J		9.2 J		10.7 J	
BARIUM		259 J		160 J		3780 J	
BERYLLIUM		0.07 U		0.02 U		0.93 U	
CADMIUM		0.85 U		1.5 J		0.53 U	
CALCIUM		34600 J		96100 J		66200 J	
CHROMIUM		3 J		0.98 J		18.7 J	
COBALT		1 J		3.1 J		16.1 J	
COPPER		26.2 J		32.7 J		15.6 J	
IRON		1810 J		620 J		39600 J	
LEAD		22.7 J		1.5 J		16.5 J	
MAGNESIUM		14100 J		82500 J		36200 J	
MANGANESE		122		1470		5440 J	
MERCURY		0.03 U		0.087 J		0.03 U	
NICKEL		5.2 J		8.7 J		29.8 J	
POTASSIUM		2620 J		160000 J		7290 J	
SELENIUM		0.17 U		67.4 J		0.49 U	
SODIUM		11400 J		1190000 J		6670 J	
VANADIUM		2.7		11.1		30.1	
ZINC		263 J		54.9 J		146 J	

Summary of Chemicals Detected
April 2004
SWMU 3 - ABG/Jeep TRAIL - Ground Water Data

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03
LOCATION	03SB090/TW03	03TW04	03TW04	03SB103/TW05	03SB103/TW05	03SB050/TW06	03SB050/TW06
NSAMPLE	03GWTW03-F	03GWTW04	03GWTW04-F	03GWTW05	03GWTW05-F	03GWTW06	03GWTW06-F
SAMPLE	03GWTW03-F	03GWTW04	03GWTW04-F	03GWTW05	03GWTW05-F	03GWTW06	03GWTW06-F
SUBMATRIX	GF	GW	GF	GW	GF	GW	GF
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SAMPLE DATE	4/19/2004	4/21/2004	4/21/2004	4/21/2004	4/21/2004	4/24/2004	4/24/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Dissolved Metals (ug/L)							
ALUMINUM, FILTERED	8.35 U		26 J		11.5 J		61.9 J
ANTIMONY, FILTERED	0.43 U		1.5 J		29.3 J		0.085 U
ARSENIC, FILTERED	0.35 U		0.65 U		9.5 J		5.3 J
BARIUM, FILTERED	124 J		247 J		168 J		3830 J
CADMIUM, FILTERED	0.33 U		0.29 U		1.5 J		0.039 U
CALCIUM, FILTERED	156000 J		32400 J		102000 J		79500 J
COBALT, FILTERED	4.4 J		0.22 U		3.3 J		8.6 J
COPPER, FILTERED	1.3 J		12.1 J		30.2 J		2.3 J
IRON, FILTERED	14 J		68.6		522		7880 J
LEAD, FILTERED	0.47 U		1.5 J		0.47 U		0.15 U
MAGNESIUM, FILTERED	41300 J		13000 J		87700 J		39500 J
MANGANESE, FILTERED	606		59.2		1560		4660 J
MERCURY, FILTERED	0.03 U		0.074 J		0.03 U		0.03 U
NICKEL, FILTERED	3.1 J		2.3 J		8.5 J		6.8 J
POTASSIUM, FILTERED	1780 J		2460 J		166000 J		7570 J
SELENIUM, FILTERED	0.094 U		0.1 U		70.5 J		0.47 U
SODIUM, FILTERED	37100 J		12200 J		1400000 J		8160 J
VANADIUM, FILTERED	1.14 U		1.14 U		11.4		1.14 U
ZINC, FILTERED	59.7 J		108 J		51.9 J		7.5 U
Field Parameters							
DISSOLVED OXYGEN - METER (UG/L)		10.13		0.97		4.67	
OXIDATION REDUCTION POTENTIAL (MV		128		14		-170	
PH (S.U.)		7.92		7.13		6.81	
SPECIFIC CONDUCTANCE (MS/CM)		0.311		5.77		0.633	
TEMPERATURE (C)		18.18		12.9		10.86	
TURBIDITY (NTU)		55.2		21.5		40.6	
Miscellaneous Parameters (ug/L)							
PERCHLORATE							
PERCHLORATE-8321							

SURFACE SOIL

Summary of Analytic Results - Surface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03
LOCATION	03SB049	03SB050/TW06	03SB051	03SB052	03SB053	03SB054	03SB056	03SB057	03SB058
NSAMPLE	03SS0490002	03SS0500002	03SS0510002	03SS0520002	03SS0530002	03SS0540002	03SS0560002	03SS0570002	03SS0580002
SAMPLE	03SS0490002	03SS0500002	03SS0510002	03SS0520002	03SS0530002	03SS0540002	03SS0560002	03SS0570002	03SS0580002
SUBMATRIX	SS	SS	SS	SS	SS	SS	SS	SS	SS
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
SAMPLE DATE	4/23/2004	4/23/2004	4/23/2004	4/23/2004	4/16/2004	4/22/2004	4/22/2004	4/16/2004	4/22/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/kg)									
2-BUTANONE									
ACETONE									
Energetics (mg/kg)									
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.39 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DIAMINO-4-NITROTOLUENE	0.25 U		0.25 U		0.25 U				
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.38 J	0.25 U
3,5-DINITROANILINE	0.25 U		0.25 U		0.25 U				
4,4'-TN-AZOXY	0.5 U		0.5 U		0.5 U				
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.25 U	0.31 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.42 J	0.25 U
MNX	0.25 U		0.25 U		0.25 U				
RDX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Inorganics (mg/kg)									
ALUMINUM	8290	8150 J	3670	7460 J	15400 J	6150 J	6220 J		4910 J
ANTIMONY	0.33 U	1.8 J	0.71 J	0.43 U	0.98 J	0.37 U	0.25 U		0.23 U
ARSENIC	4 J	6.2 J	7.5 J	6.1 J	6.8 J	5.4 J	5.3 J		9.9 J
BARIUM	71.8 J	516 J	83.5 J	67.3 J	72.5 J	38.6 J	78.6 J		35.1 J
BERYLLIUM	0.59 J	0.58 J	0.85 J	0.63 J	0.52 J	0.84 J	0.83 J		0.68 J
CADMIUM	0.38 U	1.6 J	0.29 U	0.35 U	0.88 J	0.34 U	0.31 U		0.22 U
CALCIUM	48900	1630 J	5160	26000 J	6110 J	177 J	942 J		202 J
CHROMIUM	11.5 J	10.1 J	19.4 J	13.8 J	16.8 J	16.4 J	14.1 J		12.9 J
COBALT	4.9 J	11.7 J	8.7 J	6 J	8.8 J	3.6 J	9.9 J		7.3 J
COPPER	14.3 J	66.3 J	6.7 J	12.4 J	18.8 J	13.7 J	11.9 J		10.4 J
IRON	16300 J	15900 J	46300 J	15400 J	25600 J	19500 J	29300 J		25100 J
LEAD	26.1 J	105 J	13 J	32.1 J	58.6 J	11.4 J	15.6 J		12.8 J
MAGNESIUM	2030 J	881 J	414 J	1870 J	1450 J	759 J	753 J		805 J
MANGANESE	216 J	1310 J	734 J	245 J	521 J	57.1 J	235 J		209 J
MERCURY	0.012 J	0.48	0.018 J	0.064 J	0.17 J	0.033 J	0.028 J		0.027 J
NICKEL	9.4 J	13.3 J	12.7 J	10.9 J	12.5 J	13.1 J	15.7 J		13.1 J
POTASSIUM	669 J	604 J	355 J	747 J	1350 J	811 J	1030 J		639 J
SELENIUM	0.18 U	0.28 U	0.09 U	0.27 U	0.32 U	0.4 U	0.29 U		0.36 U
SILVER	0.046 U	0.46 U	0.043 U	0.045 U	0.09 U	0.05 U	0.049 U		0.044 U
SODIUM	34.8 U	24.5 U	14.6 U	19.5 U	33.8 U	23.5 U	31.1 U		14 U
THALLIUM	0.08 U	0.12 U	0.06 U	0.09 U	0.21 U	0.13 U	0.12 U		0.11 U
TIN	0.37 J	4.9	0.37 J	0.49 U	0.76 U	0.64 U	0.56 U		0.41 U
VANADIUM	14.2 J	14.1 J	23.3 J	17.1 J	24.9 J	21.9 J	16.7 J		19.1 J
ZINC	30.7 J	314 J	26.2 J	25.9 J	78.7 J	52.4 J	53.9 J		36.9 J
Miscellaneous Parameters									
CATION EXCHANGE CAPACITY (MEQ/1)									
PERCHLORATE (MG/KG)	0.3		0.044 U		0.07 J				
PERCHLORATE-8321 (UG/KG)	1.2 U				1.1 U				
PH (S.U.)									
TOTAL ORGANIC CARBON (MG/KG)									

Table
Summary of Analytic Results - Surface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03
LOCATION	03SB059	03SB059	03SB060/TW01	03SB061	03SB063/TW02	03SB064	03SB065	03SB066	03SB067
NSAMPLE	03SS0590002	03SS0590002-D	03SS0600002	03SS0610002	03SS0630002	03SS0640002	03SS0650002	03SS0660002	03SS0670002
SAMPLE	03SS0590002	FD04220402	03SS0600002	03SS0610002	03SS0630002	03SS0640002	03SS0650002	03SS0660002	03SS0670002
SUBMATRIX	SS	SS	SS	SS	SS	SS	SS	SS	SS
SACODE	NORMAL	DUP	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
SAMPLE DATE	4/22/2004	4/22/2004	4/16/2004	4/22/2004	4/17/2004	4/17/2004	4/17/2004	4/16/2004	4/16/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/kg)									
2-BUTANONE									
ACETONE									
Energetics (mg/kg)									
1,3,5-TRINITROBENZENE	0.25 U		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-DINITROTOLUENE	0.25 U		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DIAMINO-4-NITROTOLUENE	0.25 U			0.25 U			0.25 U		0.25 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U		0.5 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3,5-DINITROANILINE	0.25 U			0.25 U			0.25 U		0.25 U
4,4'-TN-AZOXY	0.5 U			0.5 U			0.5 U		0.5 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U		0.42 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.25 U		0.25 U	0.25 U	0.25 U	11 J	0.25 U	0.37 J	0.25 U
MNX	0.25 U			0.25 U			0.25 U		0.25 U
RDX	0.25 U		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Inorganics (mg/kg)									
ALUMINUM			8250 J			11200 J		6550 J	
ANTIMONY			0.72 J			0.35 J		1.5 J	
ARSENIC			6.3 J			8.2 J		6.1 J	
BARIUM			168 J			68 J		67.5 J	
BERYLLIUM			0.74 J			0.74 J		0.57 U	
CADMIUM			0.56 U			0.58 J		0.26 U	
CALCIUM			7590 J			3390 J		23000 J	
CHROMIUM			12 J			14.1 J		13.4 J	
COBALT			12.2 J			11.7 J		8.4 J	
COPPER			14 J			20.2 J		11.3 J	
IRON			23800 J			21800 J		29900 J	
LEAD			17 J			23.2 J		11.7 J	
MAGNESIUM			1210 J			3350 J		908 J	
MANGANESE			766 J			237 J		1050 J	
MERCURY			0.64 J			0.04 U		0.067 J	
NICKEL			23.5 J			28.5 J		16.1 J	
POTASSIUM			836 J			1870 J		769 J	
SELENIUM			0.34 J			0.16 U		0.28 J	
SILVER			0.05 U			3.5 J		0.57 U	
SODIUM			79.2 J			66.5 U		37.4 U	
THALLIUM			0.09 U			0.08 U		0.06 U	
TIN			1.8 U			0.77 U		1.2 U	
VANADIUM			15.1 J			10 J		14.6 J	
ZINC			62.1 J			94.9 J		46.1 J	
Miscellaneous Parameters									
CATION EXCHANGE CAPACITY (MEQ/1)									
PERCHLORATE (MG/KG)	0.3 J	0.045 UJ		0.042 U			0.045 U		0.3
PERCHLORATE-8321 (UG/KG)				0.69 J					1.2 U
PH (S.U.)									
TOTAL ORGANIC CARBON (MG/KG)									

Summary of Analytic Results - Surface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03
LOCATION	03SB068	03SB069	03SB070	03SB071	03SB072	03SB073	03SB074	03SB075	03SB076
NSAMPLE	03SS0680002	03SS0690002	03SS0700002	03SS0710002	03SS0720002	03SS0730002	03SS0740002	03SS0750002	03SS0760002
SAMPLE	03SS0680002	03SS0690002	03SS0700002	03SS0710002	03SS0720002	03SS0730002	03SS0740002	03SS0750002	03SS0760002
SUBMATRIX	SS	SS	SS	SS	SS	SS	SS	SS	SS
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
SAMPLE DATE	4/16/2004	4/19/2004	4/19/2004	4/19/2004	4/19/2004	4/19/2004	4/22/2004	4/22/2004	4/20/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/kg)									
2-BUTANONE									
ACETONE									
Energetics (mg/kg)									
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.72	0.25 U
2,4-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DIAMINO-4-NITROTOLUENE				0.25 U		0.25 U			
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3,5-DINITROANILINE				0.25 U		0.25 U			
4,4'-TN-AZOXY				0.5 U		0.5 U			
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.42 J	0.25 U
MNX				0.25 U		0.25 U			
RDX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Inorganics (mg/kg)									
ALUMINUM	6830 J		8360 J		10600 J		6800 J		4500
ANTIMONY	0.58 J		0.33 U		0.52 J		0.46 U		0.51 U
ARSENIC	12 J		4.6 J		8.6 J		7.3 J		4.3 J
BARIUM	82.7 J		112 J		58.1 J		160 J		25.5 J
BERYLLIUM	0.81 J		0.9 J		0.57 U		0.88 J		0.29 J
CADMIUM	0.88 J		0.31 U		0.17 U		0.5 J		0.22 J
CALCIUM	21200 J		9330 J		2230 J		8660 J		432 J
CHROMIUM	19 J		18.3 J		14.3 J		10.8 J		10.4 J
COBALT	15.3 J		20.6 J		7.2 J		13.6 J		4.3
COPPER	18.7 J		10 J		13.1 J		13.3 J		5 J
IRON	15900 J		25300 J		21100 J		16900 J		10800 J
LEAD	20.4 J		21.2 J		16.1 J		24.7 J		9.8 J
MAGNESIUM	1890 J		11300 J		1440 J		2650 J		500 J
MANGANESE	464 J		1290 J		353 J		958 J		146
MERCURY	0.012 J		0.033 J		0.028 J		0.042 J		0.026 J
NICKEL	19.5 J		14 J		12.2 J		22.8 J		6 J
POTASSIUM	1190 J		928 J		607 J		1210 J		325 J
SELENIUM	0.29 J		0.21 U		0.21 U		0.44 J		0.15 U
SILVER	0.045 U		0.05 U		0.047 U		0.1 U		0.041 U
SODIUM	142 J		42.9 U		20.5 U		23 U		16.9 U
THALLIUM	0.2 U		0.13 U		0.09 U		0.11 U		0.06 U
TIN	1.8 U		0.35 U		0.78 U		0.56 U		0.43 U
VANADIUM	29.6 J		17.4 J		20.4 J		11.3 J		17.6 J
ZINC	58.7 J		51.6 J		40.3 J		45.1 J		17.2 J
Miscellaneous Parameters									
CATION EXCHANGE CAPACITY (MEQ/1)									
PERCHLORATE (MG/KG)				0.048 U		0.044 U			
PERCHLORATE-8321 (UG/KG)									
PH (S.U.)									
TOTAL ORGANIC CARBON (MG/KG)									

Table
Summary of Analytic Results - Surface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03
LOCATION	03SB077	03SB078	03SB079	03SB080	03SB081	03SB082	03SB083	03SB084	03SB085
NSAMPLE	03SS0770002	03SS0780002	03SS0790002	03SS0800002	03SS0810002	03SS0820002	03SS0830002	03SS0840002	03SS0850002
SAMPLE	03SS0770002	03SS0780002	03SS0790002	03SS0800002	03SS0810002	03SS0820002	03SS0830002	03SS0840002	03SS0850002
SUBMATRIX	SS	SS	SS	SS	SS	SS	SS	SS	SS
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
SAMPLE DATE	4/20/2004	4/20/2004	4/17/2004	4/17/2004	4/17/2004	4/18/2004	4/18/2004	4/18/2004	4/18/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/kg)									
2-BUTANONE									
ACETONE									
Energetics (mg/kg)									
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.8	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	1.6	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DIAMINO-4-NITROTOLUENE	0.25 U		0.25 U				0.25 U		
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3,5-DINITROANILINE	0.25 U		0.25 U				0.25 U		
4,4'-TN-AZOXY	0.5 U		0.5 U				0.5 U		
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.27 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.25 U	0.25 U	0.88	0.33 J	48	0.25 U	0.25 U	0.25 U	0.25 U
MNX	0.25 U		0.25 U				0.25 U		
RDX	0.25 U	0.25 U	0.25 U	0.98	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Inorganics (mg/kg)									
ALUMINUM		18900		6650 J		6710 J		7290 J	
ANTIMONY		0.73 U		0.31 U		0.34 J		0.25 U	
ARSENIC		10.1 J		7.3 J		9 J		6.9 J	
BARIUM		100 J		60.4 J		72.3 J		33.4 J	
BERYLLIUM		1.8		0.76 J		0.85 J		0.38 J	
CADMIUM		0.26 J		0.25 U		0.27 U		0.17 U	
CALCIUM		7560 J		24300 J		9750 J		4870 J	
CHROMIUM		20.1 J		13 J		12.4 J		16.1 J	
COBALT		19.1		12.3 J		10.8 J		7.9 J	
COPPER		14.9 J		11.2 J		10.8 J		5.5 J	
IRON		22100 J		19200 J		20900 J		21400 J	
LEAD		17.2 J		26 J		13 J		12.2 J	
MAGNESIUM		2470 J		1590 J		1580 J		1100 J	
MANGANESE		247		433 J		412 J		246 J	
MERCURY		0.048 J		0.042 U		0.051 U		0.036 U	
NICKEL		34.8 J		21.9 J		18.3 J		4.8 J	
POTASSIUM		2690 J		801 J		787 J		353 J	
SELENIUM		0.14 U		0.27 U		0.2 U		0.26 U	
SILVER		0.058 U		0.057 UJ		0.05 UJ		0.07 U	
SODIUM		97.9 J		67.9 U		148 J		72.4 J	
THALLIUM		0.12 J		0.1 U		0.1 U		0.18 U	
TIN		0.94 U		0.61 U		0.29 U		0.41 U	
VANADIUM		10.4 J		17.3 J		16.1 J		20 J	
ZINC		25.7 J		50.8 J		40.6 J		15 J	
Miscellaneous Parameters									
CATION EXCHANGE CAPACITY (MEQ/1)		19							
PERCHLORATE (MG/KG)	0.048 U		0.046 U				0.045 U		
PERCHLORATE-8321 (UG/KG)									
PH (S.U.)		7.6							
TOTAL ORGANIC CARBON (MG/KG)		1700							

Summary of Analytic Results - Surface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03
LOCATION	03SB085	03SB086	03SB087	03SB088	03SB089	03SB090/TW03	03SB091	03SB092	03SB093
NSAMPLE	03SS0850002-D	03SS0860002	03SS0870002	03SS0880002	03SS0890002	03SS0900002	03SS0910002	03SS0920002	03SS0930002
SAMPLE	FD04180403	03SS0860002	03SS0870002	03SS0880002	03SS0890002	03SS0900002	03SS0910002	03SS0920002	03SS0930002
SUBMATRIX	SS	SS	SS	SS	SS	SS	SS	SS	SS
SACODE	DUP	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
SAMPLE DATE	4/18/2004	4/18/2004	4/18/2004	4/18/2004	4/18/2004	4/18/2004	4/23/2004	4/19/2004	4/19/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/kg)									
2-BUTANONE									
ACETONE									
Energetics (mg/kg)									
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.58	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	46	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DIAMINO-4-NITROTOLUENE			0.25 U		0.25 U		0.25 U		
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.73	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3,5-DINITROANILINE			0.25 U		0.25 U		0.25 U		
4,4'-TN-AZOXY			0.5 U		0.5 U		0.5 U		
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.91 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.25 U	0.25 U	0.53	260 J	0.49 J	0.25 U	0.25 U	0.25 U	0.25 U
MNX			0.25 U		0.25 U		0.25 U		
RDX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Inorganics (mg/kg)									
ALUMINUM		5460 J		13700 J		8810 J		7190 J	
ANTIMONY		1.9 J		32 J		0.28 U		0.57 J	
ARSENIC		6.1 J		10.3 J		13.8 J		6.8 J	
BARIUM		2120 J		813 J		96 J		754 J	
BERYLLIUM		0.46 J		0.78 J		0.81 J		0.9 J	
CADMIUM		1.5 J		21.5 J		0.22 U		0.83 J	
CALCIUM		67300 J		9950 J		5830 J		1640 J	
CHROMIUM		14.3 J		34.2 J		13.7 J		19.6 J	
COBALT		7 J		14.1 J		14.2 J		13 J	
COPPER		98.1 J		6910 J		14.8 J		46.2 J	
IRON		19400 J		22200 J		17600 J		25900 J	
LEAD		32.8 J		511 J		17.9 J		17.2 J	
MAGNESIUM		6880 J		4170 J		3580 J		960 J	
MANGANESE		352 J		1600 J		151 J		823 J	
MERCURY		0.018 U		1.1		0.061 U		0.048 U	
NICKEL		19.5 J		32.4 J		40.6 J		20.9 J	
POTASSIUM		823 J		861 J		1740 J		663 J	
SELENIUM		0.15 U		0.26 U		0.28 U		0.28 U	
SILVER		2.4 J		3.4 J		0.054 U		0.45 J	
SODIUM		391 J		75.8 J		101 J		43.6 U	
THALLIUM		0.06 U		0.11 U		0.09 U		0.15 U	
TIN		12.8 J		24.5 J		0.65 U		1.7 J	
VANADIUM		12.5 J		17 J		8.8 J		17.4 J	
ZINC		440 J		2110 J		63.7 J		58.3 J	
Miscellaneous Parameters									
CATION EXCHANGE CAPACITY (MEQ/1)									
PERCHLORATE (MG/KG)			0.045 U		0.047 U		0.3		
PERCHLORATE-8321 (UG/KG)					0.53 J		1.2 U		
PH (S.U.)									
TOTAL ORGANIC CARBON (MG/KG)									

Table
Summary of Analytic Results - Surface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03
LOCATION	03SB094	03SB094	03SB095	03SB096	03SB097	03SB098	03SB099	03SB100	03SB101
NSAMPLE	03SS0940002	03SS0940002-D	03SS0950002	03SS0960002	03SS0970002	03SS0980002	03SS0990002	03SS1000002	03SS1010002
SAMPLE	03SS0940002	FD04210401	03SS0950002	03SS0960002	03SS0970002	03SS0980002	03SS0990002	03SS1000002	03SS1010002
SUBMATRIX	SS	SS	SS	SS	SS	SS	SS	SS	SS
SACODE	NORMAL	DUP	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
SAMPLE DATE	4/21/2004	4/21/2004	4/19/2004	4/19/2004	4/21/2004	4/19/2004	4/21/2004	4/20/2004	4/20/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/kg)									
2-BUTANONE									
ACETONE									
Energetics (mg/kg)									
1,3,5-TRINITROBENZENE	0.25 U		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-DINITROTOLUENE	0.25 U		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DIAMINO-4-NITROTOLUENE			0.25 U		0.25 U				0.25 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3,5-DINITROANILINE			0.25 U		0.25 U				0.25 U
4,4'-TN-AZOXY			0.5 U		0.5 U				0.5 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.25 U		0.25 U	0.25 U	0.25 U	0.54 J	0.25 U	0.25 U	0.29 J
MNX			0.25 U		0.25 U				0.25 U
RDX	0.25 U		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Inorganics (mg/kg)									
ALUMINUM	8910 J	7660 J		6210 J		8360 J		12900	8470
ANTIMONY	0.66 J	0.79 J		0.65 J		1.6 J		0.72 U	3.1 J
ARSENIC	6.6	5.4		7.2 J		10.7 J		8 J	9 J
BARIUM	434 J	305 J		219 J		82.8 J		167 J	165 J
BERYLLIUM	0.92	1		0.65 J		1.1 J		1.3	0.47
CADMIUM	0.75	0.71		0.5 J		1.2 J		0.71	3.2
CALCIUM	2240 J	1950 J		1470 J		1480 J		18300 J	67200 J
CHROMIUM	16.8 J	14 J		17.4 J		22.8 J		20.4 J	15.2 J
COBALT	15.6	14.3		14.1 J		17.6 J		18.7	8.1
COPPER	32.1 J	19 J		23.9 J		38.6 J		61.1 J	78.7 J
IRON	24300 J	26600 J		20600 J		20800 J		36900 J	15300 J
LEAD	31.3 J	26.8 J		17.5 J		56.3 J		39.9 J	98.4 J
MAGNESIUM	1000 J	902 J		765 J		7300 J		4200 J	4380 J
MANGANESE	1370 J	1190 J		538 J		415 J		4900	1740
MERCURY	0.08 J	0.14 J		0.079 J		0.15		0.019 J	0.038 J
NICKEL	19.8 J	17.5 J		11.3 J		21.6 J		38.9 J	17 J
POTASSIUM	672 J	632 J		429 J		479 J		1620 J	3080 J
SELENIUM	0.39 J	0.36 J		0.26 U		0.22 U		0.53 J	0.37 J
SILVER	0.11 J	0.044 U		0.23 U		0.23 U		0.047 U	0.27 J
SODIUM	27.5 U	27.8 U		24.8 U		23.5 U		168 J	309 J
THALLIUM	0.11 J	0.1 J		0.14 U		0.12 U		0.1 J	0.08 J
TIN	1.2 J	1 J		1.1 U		1.8 J		0.83 U	4.9 J
VANADIUM	19.1 J	15.9 J		20.3 J		21.6 J		21.9 J	14.8 J
ZINC	261 J	111 U		45.6 J		40.3 J		343 J	581 J
Miscellaneous Parameters									
CATION EXCHANGE CAPACITY (MEQ/1)									
PERCHLORATE (MG/KG)			0.05 U		0.2				0.047 U
PERCHLORATE-8321 (UG/KG)					1.2 U				
PH (S.U.)									
TOTAL ORGANIC CARBON (MG/KG)									

Summary of Analytic Results - Surface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03
LOCATION	03SB102	03SB103/TW05	03SB104	03SB105	03SB106	03SB107	03SB108	03SB109	03SB110
NSAMPLE	03SS1020002	03SS1030002	03SS1040002	03SS1050002	03SS1060002	03SS1070002	03SS1080002	03SS1090002	03SS1100002
SAMPLE	03SS1020002	03SS1030002	03SS1040002	03SS1050002	03SS1060002	03SS1070002	03SS1080002	03SS1090002	03SS1100002
SUBMATRIX	SS	SS	SS	SS	SS	SS	SS	SS	SS
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
SAMPLE DATE	4/20/2004	4/20/2004	4/21/2004	4/16/2004	4/17/2004	4/22/2004	4/22/2004	4/22/2004	4/17/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/kg)									
2-BUTANONE							7 J		
ACETONE							66 J		
Energetics (mg/kg)									
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.92	0.25 U	0.25 U
2,4-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.31 J	0.25 U	0.25 U
2,6-DIAMINO-4-NITROTOLUENE		0.25 U		0.25 U		0.25 U			
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3,5-DINITROANILINE		0.25 U		0.25 U		0.25 U			
4,4'-TN-AZOXY		0.5 U		0.5 U		0.5 U			
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.3 J	0.25 U	0.25 U
MNX		0.25 U		0.25 U		0.25 U			
RDX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.29 J	0.25 U	1	0.25 U
Inorganics (mg/kg)									
ALUMINUM		7250		15800 J			9030 J		12300 J
ANTIMONY		0.61 U		0.34 U			0.44 U		0.38 J
ARSENIC		9.9 J		6.7 J			6.6 J		8.6 J
BARIUM		57.6 J		61.3 J			91.9 J		50.3 J
BERYLLIUM		0.52		0.87 J			0.61 J		1.1 J
CADMIUM		0.61		0.26 U			0.27 U		0.22 U
CALCIUM		1650 J		1580 J			10500 J		3910 J
CHROMIUM		15.6 J		21.3 J			13.8 J		13.4 J
COBALT		10.3		18.1 J			6 J		6.9 J
COPPER		29.9 J		13.1 J			9.9 J		18.8 J
IRON		16700 J		40000 J			23600 J		20100 J
LEAD		24.8 J		19.4 J			16 J		13.3 J
MAGNESIUM		1310 J		1070 J			1670 J		2670 J
MANGANESE		431		825 J			386 J		259 J
MERCURY		0.077 J		0.042 U			0.026 J		0.046 U
NICKEL		9.9 J		28.4 J			13.9 J		26.2 J
POTASSIUM		560 J		2050 J			920 J		1500 J
SELENIUM		0.33 J		0.27 U			0.17 U		0.29 U
SILVER		0.044 U		0.042 U			0.041 U		0.08 U
SODIUM		98.2 J		89.6 J			52.4 J		202 J
THALLIUM		0.12 J		0.21 U			0.13 U		0.14 U
TIN		0.83 U		0.52 U			0.44 J		0.68 U
VANADIUM		22.7 J		23.9 J			18.9 J		13.3 J
ZINC		147 J		49.5 J			29.4 J		24.2 J
Miscellaneous Parameters									
CATION EXCHANGE CAPACITY (MEQ/1)									
PERCHLORATE (MG/KG)		0.047 U		0.047 U		0.047 U			
PERCHLORATE-8321 (UG/KG)									
PH (S.U.)									
TOTAL ORGANIC CARBON (MG/KG)									

Table
Summary of Analytic Results - Surface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03
LOCATION	03SB111	03SB112	03SB113	03SB114	03SB115	03SB116	03SB117	03SB118	03SB119
NSAMPLE	03SS1110002	03SS1120002	03SS1130002	03SS1140002	03SS1150002	03SS1160002	03SS1170002	03SS1180002	03SS1190002
SAMPLE	03SS1110002	03SS1120002	03SS1130002	03SS1140002	03SS1150002	03SS1160002	03SS1170002	03SS1180002	03SS1190002
SUBMATRIX	SS	SS	SS	SS	SS	SS	SS	SS	SS
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
SAMPLE DATE	4/17/2004	4/23/2004	4/23/2004	4/18/2004	4/21/2004	4/21/2004	4/21/2004	4/19/2004	4/21/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/kg)									
2-BUTANONE									
ACETONE									
Energetics (mg/kg)									
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.27 J
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.79
2,4-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.57
2,6-DIAMINO-4-NITROTOLUENE	0.25 U		0.25 U				0.25 U		
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1.2
3,5-DINITROANILINE	0.25 U		0.25 U				0.25 U		
4,4'-TN-AZOXY	0.5 U		0.5 U				0.5 U		
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1.3
HMX	0.25 U	0.25 U	1.1	0.96 J	0.25 U	0.33 J	0.25 U	0.25 U	100
MNX	0.25 U		0.25 U				0.25 U		
RDX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	31
Inorganics (mg/kg)									
ALUMINUM		8460 J		7440 J		26600		6390 J	
ANTIMONY		0.72 U		0.25 U		17.1 J		0.69 J	
ARSENIC		6.4 J		7.1 J		27.9 J		9.2 J	
BARIUM		144 J		77.9 J		4120 J		413 J	
BERYLLIUM		0.91 J		0.78 J		0.68		0.75 J	
CADMIUM		0.73 J		0.25 U		17.3		0.68 J	
CALCIUM		7130 J		3040 J		62000 J		9870 J	
CHROMIUM		13 J		11.3 J		56.6 J		23.3 J	
COBALT		11.1 J		9.4 J		14.9		14.1 J	
COPPER		40 J		10.9 J		10700 J		40.9 J	
IRON		17600 J		18800 J		68100 J		35600 J	
LEAD		40.7 J		11 J		7910 J		26.5 J	
MAGNESIUM		2040 J		1200 J		8620 J		1400 J	
MANGANESE		1870 J		369 J		5390 J		857 J	
MERCURY		0.044 J		0.027 J		0.25		0.14 J	
NICKEL		21.2 J		17.9 J		49.7 J		18.3 J	
POTASSIUM		1460 J		912 J		764 J		500 J	
SELENIUM		0.29 U		0.21 U		0.33 J		0.29 U	
SILVER		0.12 U		0.06 U		15.7		0.17 U	
SODIUM		684 J		81.6 J		168 J		37.4 U	
THALLIUM		0.12 U		0.16 U		0.09 J		0.09 U	
TIN		0.82 U		0.55 U		44.2 J		2.2 J	
VANADIUM		15.9 J		12.3 J		25.6 J		21.8 J	
ZINC		150 J		35.4 J		11100 J		128 J	
Miscellaneous Parameters									
CATION EXCHANGE CAPACITY (MEQ/1)						14			
PERCHLORATE (MG/KG)	0.047 U		0.054 U				0.047 U		
PERCHLORATE-8321 (UG/KG)									
PH (S.U.)						8			
TOTAL ORGANIC CARBON (MG/KG)						15000			

Summary of Analytic Results - Surface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03
LOCATION	03SB120	03SB121
NSAMPLE	03SS1200002	03SS1210002
SAMPLE	03SS1200002	03SS1210002
SUBMATRIX	SS	SS
SACODE	NORMAL	NORMAL
DEPTH RANGE	0 - 2	0 - 2
SAMPLE DATE	4/21/2004	4/21/2004
VALIDATED	Y	Y
COLLECTION METHOD	GRAB	GRAB
Volatile Organics (ug/kg)		
2-BUTANONE		
ACETONE		
Energetics (mg/kg)		
1,3,5-TRINITROBENZENE	14	0.25 U
2,4,6-TRINITROTOLUENE	400	0.25 U
2,4-DINITROTOLUENE	0.4 J	0.25 U
2,6-DIAMINO-4-NITROTOLUENE	0.47 J	
2-AMINO-4,6-DINITROTOLUENE	12	0.25 U
3,5-DINITROANILINE	1.1	
4,4'-TN-AZOXY	0.61 J	
4-AMINO-2,6-DINITROTOLUENE	10	0.25 U
HMX	1100	27
MNX	0.62 J	
RDX	660	0.25 U
Inorganics (mg/kg)		
ALUMINUM	17100	7820 J
ANTIMONY	21.2 J	0.76 J
ARSENIC	17.8 J	7.5
BARIUM	2920 J	520 J
BERYLLIUM	0.72	0.79
CADMIUM	38.5	1.3
CALCIUM	78200 J	7780 J
CHROMIUM	44 J	16 J
COBALT	11.8	12.7
COPPER	1640 J	57.7 J
IRON	68900 J	29000 J
LEAD	14600 J	40.4 J
MAGNESIUM	4420 J	1880 J
MANGANESE	1900 J	747 J
MERCURY	5.5	0.12 J
NICKEL	67.6 J	19 J
POTASSIUM	616 J	708 J
SELENIUM	0.44 J	0.27 J
SILVER	2.4	0.42 J
SODIUM	190 J	89.3 J
THALLIUM	0.09 J	0.1 J
TIN	28.3 J	2 J
VANADIUM	21.9 J	18.9 J
ZINC	8160 J	148 U
Miscellaneous Parameters		
CATION EXCHANGE CAPACITY (MEQ/1)		
PERCHLORATE (MG/KG)	0.045 U	
PERCHLORATE-8321 (UG/KG)		
PH (S.U.)		
TOTAL ORGANIC CARBON (MG/KG)		

SUBSURFACE SOIL

Summary of Chemicals Detected - Subsurface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB049	03SB049	03SB049	03SB050/TW06	03SB050/TW06	03SB050/TW06	03SB051	03SB051	03SB052	03SB052
NSAMPLE	03SB0490206	03SB0490610	03SB0491014	03SB0500206	03SB0500610	03SB0501014	03SB0510206	03SB0510610	03SB0520206	03SB0520206-D
SAMPLE	03SB0490206	03SB0490610	03SB0491014	03SB0500206	03SB0500610	03SB0501014	03SB0510206	03SB0510610	03SB0520206	FD04230402
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	DUP
DEPTH RANGE	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10	2 - 6	2 - 6
SAMPLE DATE	4/23/2004	4/23/2004	4/23/2004	4/23/2004	4/23/2004	4/23/2004	4/23/2004	4/23/2004	4/23/2004	4/23/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/kg)										
1,1,2-TRICHLOROETHANE		1.13 U	1.71 U		1.23 U	1.41 U		2.46 U		
1,1-DICHLOROETHENE		1.13 U	1.71 U		1.23 U	1.41 U		2.46 U		
2-BUTANONE		1.13 U	9 U		1.23 U	1.41 U		2.46 U		
4-METHYL-2-PENTANONE		1.13 U	1.71 U		1.23 U	1.41 U		2.46 U		
ACETONE		1.13 UJ	42 U		8 U	51 U		2.46 UJ		
BENZENE		1.13 U	1.71 U		1.23 U	1.41 U		2.46 U		
BROMOMETHANE		1.13 UJ	1.71 U		1.23 UJ	1.41 UJ		2.46 UJ		
CARBON DISULFIDE		1.13 U	1.71 U		1.23 U	4 J		2.46 U		
CHLOROFORM		1.13 U	1.71 U		1.23 U	1.41 U		2.46 U		
CHLOROMETHANE		1.13 U	1.71 U		1.23 U	1.41 U		2.46 U		
CIS-1,2-DICHLOROETHENE		1.13 U	1.71 U		1.23 U	1.41 U		2.46 U		
ETHYLBENZENE		1.13 U	1.71 U		1.23 U	1.41 U		2.46 U		
METHYL IODIDE		1.13 UJ	1.71 UJ		1.23 UJ	1.41 UJ		2.46 UJ		
STYRENE		1.13 U	1.71 U		1.23 U	1.41 U		2.46 U		
TOLUENE		1.13 U	1.71 U		1.23 U	1.41 U		2.46 U		
TOTAL XYLENES		1.13 U	1.71 U		1.23 U	1.41 U		2.46 U		
TRANS-1,2-DICHLOROETHENE		1.13 U	1.71 U		1.23 U	1.41 U		2.46 U		
TRICHLOROETHENE		1.13 U	1.71 U		1.23 U	1.41 U		2.46 U		
TRICHLOROFLUOROMETHANE		1.13 U	1.71 U		1.23 U	1.41 U		2.46 U		
VINYL CHLORIDE		1.13 U	1.71 U		1.23 U	1.41 U		2.46 U		
Energetics (mg/kg)										
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	
2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	
HMX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	
RDX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	
Inorganics (mg/kg)										
ALUMINUM	5880	4030	7010	9620 J	7350	4270	5390	5180	5040 J	4980 J
ANTIMONY	0.32 U	0.58 J	0.99 J	1.4 J	0.55 U	0.3 U	0.82 J	0.4 U	0.36 U	0.4 U
ARSENIC	6.3 J	7.8 J	16 J	6.2 J	4.1 J	3.2 J	6.9 J	4.1 J	5.2 J	6.2 J
BARIUM	114 J	105 J	185 J	507 J	652 J	183 J	136 J	70.3 J	136 J	151 J
BERYLLIUM	0.92 J	1.4 J	0.99 J	0.7 J	0.56 J	0.42 U	1.3 J	0.73 J	0.92 J	1.2 J
CADMIUM	0.36 U	0.46 U	0.78 J	0.73 J	0.61 J	0.24 U	0.41 U	0.29 U	0.4 U	0.42 U
CALCIUM	2070	745	1580	2300 J	2160	771	1380	6000	1490 J	1570 J
CHROMIUM	12.9 J	27.1 J	14.7 J	11.5 J	9.1 J	8 J	21.1 J	13.8 J	9.6 J	14 J
COBALT	14.2 J	11.9 J	10.8 J	8.7 J	7.3 J	4.4 J	17 J	8.9 J	11.4 J	13.1 J
COPPER	6.9 J	6.4 J	12.8 J	17.2 J	12.9 J	6.1 J	9.1 J	5.6 J	9.2 J	7.7 J
IRON	19600 J	60000 J	31700 J	17700 J	13200 J	14300 J	39500 J	28400 J	14800 J	20100 J
LEAD	24.9 J	19.9 J	43.6 J	25.2 J	24.8 J	10.3 J	21.1 J	13 J	16.9 J	16.7 J
MAGNESIUM	759 J	451 J	842 J	1730 J	1380 J	522 J	577 J	726 J	633 J	626 J
MANGANESE	1370 J	2960 J	2460 J	529 J	455 J	390 J	1410 J	842 J	1050 J	1060 J
MERCURY	0.021 J	0.02 J	0.037 J	0.12 J	0.39	0.14	0.025 J	0.036 J	0.038 J	0.041 J
NICKEL	13.8 J	22.5 J	38.4 J	12.3 J	10.3 J	8.8 J	18.2 J	11.4 J	14.2 J	18.7 J

Table
Summary of Chemicals Detected - Subsurface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB049	03SB049	03SB049	03SB050/TW06	03SB050/TW06	03SB050/TW06	03SB051	03SB051	03SB052	03SB052
NSAMPLE	03SB0490206	03SB0490610	03SB0491014	03SB0500206	03SB0500610	03SB0501014	03SB0510206	03SB0510610	03SB0520206	03SB0520206-D
SAMPLE	03SB0490206	03SB0490610	03SB0491014	03SB0500206	03SB0500610	03SB0501014	03SB0510206	03SB0510610	03SB0520206	FD04230402
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	DUP
DEPTH RANGE	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10	2 - 6	2 - 6
SAMPLE DATE	4/23/2004	4/23/2004	4/23/2004	4/23/2004	4/23/2004	4/23/2004	4/23/2004	4/23/2004	4/23/2004	4/23/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
POTASSIUM	631 J	362 J	787 J	864 J	752 J	459 J	411 J	487 J	501 J	472 J
SELENIUM	0.25 U	0.09 U	0.15 U	0.32 U	0.19 U	0.06 U	0.18 U	0.08 U	0.21 U	0.18 U
SILVER	0.048 U	0.041 U	0.046 U	0.051 U	0.052 U	0.044 U	0.049 U	0.046 U	0.047 U	0.048 U
SODIUM	26.1 U	14.7 U	18.8 U	38.4 U	32.8 U	22.2 U	16.6 U	15.5 U	19.6 U	18.7 U
THALLIUM	0.09 U	0.14 U	0.28 U	0.21 U	0.15 U	0.1 U	0.1 U	0.08 U	0.12 U	0.13 U
TIN	0.27 J	0.22 J	0.33 J	0.94 J	0.83 J	0.37 J	0.3 J	0.23 J	0.27 J	0.31 J
VANADIUM	15.1 J	28.2 J	25.8 J	18.9 J	14.1 J	9.8 J	22.9 J	18.6 J	13.2 J	16.7 J
ZINC	25.8 J	38.6 J	90.3	138 J	94	28.3 J	35.8 J	30.2 J	26.3 J	29.6 J
Miscellaneous Parameter										
BULK DENSITY (G/CM3)										
CATION EXCHANGE CAPACITY (MEQ/1)										
PERCHLORATE (MG/KG)	0.6	0.3	0.049 U				0.05 U	0.045 U		
PERCHLORATE-8321 (UG/KG)	0.33 J	1.1 U								
PH (S.U.)										
POROSITY (%)										
SPECIFIC GRAVITY (S.U.)										
TOTAL ORGANIC CARBON (MG/KG)										

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB052	03SB052	03SB053	03SB054	03SB057	03SB058	03SB058	03SB058	03SB058	03SB059
NSAMPLE	03SB0520610	03SB0521014	03SB0530206	03SB0540206	03SB0570206	03SB0580206	03SB0580610	03SB0580610-D	03SB0581014	03SB0590206
SAMPLE	03SB0520610	03SB0521014	03SB0530206	03SB0540206	03SB0570206	03SB0580206	03SB0580610	FD04220401	03SB0581014	03SB0590206
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	DUP	NORMAL	NORMAL
DEPTH RANGE	6 - 10	10 - 14	2 - 6	2 - 6	2 - 6	2 - 6	6 - 10	6 - 10	10 - 14	2 - 6
SAMPLE DATE	4/23/2004	4/23/2004	4/16/2004	4/22/2004	4/16/2004	4/22/2004	4/22/2004	4/22/2004	4/22/2004	4/22/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/kg)										
1,1,2-TRICHLOROETHANE	0.904 U	0.863 U		1.04 U			1.16 U	0.928 U	0.948 U	
1,1-DICHLOROETHENE	0.904 U	0.863 U		1.04 U			1.16 U	0.928 U	0.948 U	
2-BUTANONE	0.904 U	0.863 U		1.04 UR			1.16 UR	0.928 UR	0.948 UR	
4-METHYL-2-PENTANONE	0.904 U	0.863 U		1.04 UJ			1.16 UJ	0.928 UJ	0.948 UJ	
ACETONE	0.904 UJ	10 U		16 U			13 U	13 BU	19 U	
BENZENE	0.904 U	0.863 U		1.04 U			1.16 U	0.928 U	0.948 U	
BROMOMETHANE	0.904 UJ	0.863 U		1.04 U			1.16 U	0.928 U	0.948 U	
CARBON DISULFIDE	0.904 U	0.863 U		1.04 U			1.16 U	0.928 U	0.948 U	
CHLOROFORM	0.904 U	0.863 U		1.04 U			1.16 U	0.928 U	0.948 U	
CHLOROMETHANE	0.904 U	0.863 U		1.04 U			1.16 U	0.928 U	0.948 U	
CIS-1,2-DICHLOROETHENE	0.904 U	0.863 U		1.04 U			1.16 U	0.928 U	0.948 U	
ETHYLBENZENE	0.904 U	0.863 U		1.04 UJ			1.16 UJ	0.928 U	0.948 UJ	
METHYL IODIDE	0.904 UJ	0.863 UJ		1.04 UR			1.16 UR	0.928 UR	0.948 UR	
STYRENE	0.904 U	0.863 U		1.04 U			1.16 UJ	0.928 U	0.948 U	
TOLUENE	0.904 U	0.863 U		1.04 U			1.16 U	0.928 U	0.948 U	
TOTAL XYLENES	0.904 U	0.863 U		1.04 U			1.16 U	0.928 U	0.948 U	
TRANS-1,2-DICHLOROETHENE	0.904 U	0.863 U		1.04 U			1.16 U	0.928 U	0.948 U	
TRICHLOROETHENE	0.904 U	0.863 U		1.04 U			1.16 U	0.928 U	0.948 U	
TRICHLOROFLUOROMETHANE	0.904 U	0.863 U		1.04 U			1.16 U	0.928 U	0.948 U	
VINYL CHLORIDE	0.904 U	0.863 U		1.04 U			1.16 U	0.928 U	0.948 U	
Energetics (mg/kg)										
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.35 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.25 U	0.25 U	0.25 U	0.25 U	0.44 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Inorganics (mg/kg)										
ALUMINUM	5330	4550	6840 J	2830 J		8690 J	3060 J	3430 J	2790 J	
ANTIMONY	0.5 U	0.27 U	0.2 U	0.24 U		0.43 U	0.2 U	0.23 U	0.19 U	
ARSENIC	4.9 J	3.8 J	3 J	2.8 J		7 J	3.3 J	2.6 J	3.7 J	
BARIUM	55.2 J	53.4 J	45.8 J	18.3 J		58.1 J	21.1 J	22.3 J	67.9 J	
BERYLLIUM	0.84 J	0.49 J	0.41 J	0.3 U		0.53 J	0.25 U	0.27 U	0.87 J	
CADMIUM	0.28 U	0.17 U	0.22 U	0.21 U		0.24 U	0.17 U	0.15 U	0.35 U	
CALCIUM	886	888	348 J	3500 J		265 J	81.2 J	80.6 J	167 J	
CHROMIUM	14.6 J	9.9 J	16.8 J	6.7 J		12.8 J	7.5 J	6.7 J	7.1 J	
COBALT	12.7 J	5.7 J	5 J	2.6 U		11.6 J	7.2 J	4.8 J	12.1 J	
COPPER	7 J	5.4 J	3.9 J	5.4 J		8.5 J	7.6 J	6.5 J	7.5 J	
IRON	34400 J	15700 J	19200 J	9210 J		20900 J	7170 J	6560 J	44600 J	
LEAD	13.3 J	9.8 J	7.9 J	7.6 J		12.6 J	13.4 J	12.4 J	13.6 J	
MAGNESIUM	579 J	414 J	677 J	334 J		1040 J	411 J	428 J	442 J	
MANGANESE	822 J	245 J	677 J	66.2 J		536 J	168 J	143 J	1000 J	
MERCURY	0.013 J	0.008 J	0.021 U	0.018 J		0.039 J	0.013 J	0.025 J	0.011 J	
NICKEL	14.7 J	10.7 J	8.5 J	4.9 J		12.6 J	5.2 J	5.1 J	19.4 J	

Table
Summary of Chemicals Detected - Subsurface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB052	03SB052	03SB053	03SB054	03SB057	03SB058	03SB058	03SB058	03SB058	03SB059
NSAMPLE	03SB0520610	03SB0521014	03SB0530206	03SB0540206	03SB0570206	03SB0580206	03SB0580610	03SB0580610-D	03SB0581014	03SB0590206
SAMPLE	03SB0520610	03SB0521014	03SB0530206	03SB0540206	03SB0570206	03SB0580206	03SB0580610	FD04220401	03SB0581014	03SB0590206
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	DUP	NORMAL	NORMAL
DEPTH RANGE	6 - 10	10 - 14	2 - 6	2 - 6	2 - 6	2 - 6	6 - 10	6 - 10	10 - 14	2 - 6
SAMPLE DATE	4/23/2004	4/23/2004	4/16/2004	4/22/2004	4/16/2004	4/22/2004	4/22/2004	4/22/2004	4/22/2004	4/22/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
POTASSIUM	531 J	702 J	1600 J	419 J		497 J	533 J	510 J	551 J	
SELENIUM	0.07 U	0.03 U	0.17 U	0.15 U		0.36 U	0.27 U	0.27 U	0.37 U	
SILVER	0.043 U	0.042 U	0.041 U	0.041 U		0.042 U	0.042 U	0.04 U	0.09 U	
SODIUM	18.8 U	18.2 U	48.6 J	19.3 U		19.2 U	31.1 U	30.8 U	38.1 U	
THALLIUM	0.11 U	0.11 U	0.12 U	0.06 U		0.13 U	0.09 U	0.09 U	0.15 U	
TIN	0.21 J	0.24 J	0.39 U	0.26 J		0.56 U	0.26 J	0.26 J	0.28 J	
VANADIUM	16.7 J	11.6 J	13 J	8.3 J		20.4 J	8.7 J	7.3 J	11.2 J	
ZINC	29.8 J	16.8 J	30.6 J	18.1 J		39.8 J	19.3 J	19.4 J	51.9 J	
Miscellaneous Parameter										
BULK DENSITY (G/CM3)										
CATION EXCHANGE CAPACITY (MEQ/1)										
PERCHLORATE (MG/KG)			0.4							0.046 U
PERCHLORATE-8321 (UG/KG)			1.1 U							
PH (S.U.)										
POROSITY (%)										
SPECIFIC GRAVITY (S.U.)										
TOTAL ORGANIC CARBON (MG/KG)										

Summary of Chemicals Detected - Subsurface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB060/TW01	03SB060/TW01	03SB060/TW01	03SB061	03SB061	03SB063/TW02	03SB063/TW02	03SB063/TW02	03SB064	03SB065
NSAMPLE	03SB0600206	03SB0600610	03SB0601014	03SB0610206	03SB0610610	03SB0630206	03SB0630610	03SB0631014	03SB0640206	03SB0650206
SAMPLE	03SB0600206	03SB0600610	03SB0601014	03SB0610206	03SB0610610	03SB0630206	03SB0630610	03SB0631014	03SB0640206	03SB0650206
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10	2 - 6	6 - 10	10 - 14	2 - 6	2 - 6
SAMPLE DATE	4/16/2004	4/16/2004	4/16/2004	4/22/2004	4/22/2004	4/17/2004	4/17/2004	4/17/2004	4/17/2004	4/17/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/kg)										
1,1,2-TRICHLOROETHANE		1.03 U	1.09 U	14 J	12 J		1.03 U	1.65 U		
1,1-DICHLOROETHENE		1.03 U	1.09 U	2 J	5 J		1.03 U	1.65 U		
2-BUTANONE		1.03 UR	1.09 UR	1.49 UR	1.03 UR		3 J	1.65 UR		
4-METHYL-2-PENTANONE		1.03 U	1.09 U	1.49 U	1.03 U		1.03 U	1.65 U		
ACETONE		2 U	1.09 UJ	24 U	17 U		10 J	1.65 UJ		
BENZENE		1.03 U	1.09 U	1.49 U	1.03 U		1.03 U	1.65 U		
BROMOMETHANE		1.03 U	1.09 U	1.49 U	1.03 U		1.03 U	1.65 U		
CARBON DISULFIDE		1.03 U	1.09 U	1.49 U	1.03 U		1.03 U	1.65 U		
CHLOROFORM		1.03 U	1.09 U	1.49 U	2 J		1.03 U	1.65 U		
CHLOROMETHANE		1.03 U	1.09 U	1.49 UJ	1.03 UJ		1.03 U	1.65 U		
CIS-1,2-DICHLOROETHENE		1.03 U	1.09 U	830 J	480 J		8	1.65 U		
ETHYLBENZENE		1.03 U	1.09 UJ	1.49 UJ	1.03 UJ		1.03 U	1.65 U		
METHYL IODIDE		1.03 UJ	1.09 UJ	1.49 UR	1.03 UR		1.03 U	1.65 UJ		
STYRENE		1.03 U	1.09 UJ	1.49 UJ	1.03 UJ		1.03 U	1.65 U		
TOLUENE		1.03 U	1.09 U	1.49 UJ	2 J		1.03 U	1.65 U		
TOTAL XYLENES		1.03 U	1.09 UJ	1.49 UJ	1.03 UJ		1.03 U	1.65 U		
TRANS-1,2-DICHLOROETHENE		1.03 U	1.09 U	24 J	250 J		2 J	1.65 U		
TRICHLOROETHENE		1.03 U	1.09 U	19000	2300		44	1.65 U		
TRICHLOROFLUOROMETHANE		1.03 U	1.09 U	1.49 U	1.03 U		1.03 U	1.65 U		
VINYL CHLORIDE		1.03 U	1.09 U	3 J	15 J		1.03 U	1.65 U		
Energetics (mg/kg)										
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.25 U	0.25 U	0.25 U	0.29 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	0.25 U	0.25 U	0.25 U	1.9	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Inorganics (mg/kg)										
ALUMINUM	20.4 J	21100 J	47200 J						11500 J	
ANTIMONY	0.52 J	0.31 U	0.28 U						0.26 U	
ARSENIC	0.13 U	13.6 J	10.9 J						6.5 J	
BARIUM	0.59 U	110 J	70.6 J						19 J	
BERYLLIUM	0.018 U	1.7 J	2 J						0.94 J	
CADMIUM	0.034 U	0.39 J	0.19 U						0.36 J	
CALCIUM	8.6 U	16100 J	3760 J						3200 J	
CHROMIUM	0.25 U	36.1 J	34.8 J						15.2 J	
COBALT	0.2 J	15.9 J	17.6 J						14.2 J	
COPPER	0.18 U	12.4 J	16.1 J						14.6 J	
IRON	44.1 U	61000 J	27100 J						19000 J	
LEAD	0.05 U	23.9 J	24.7 J						16.8 J	
MAGNESIUM	3 U	3180 J	5930 J						5150 J	
MANGANESE	1.3 U	829 J	85.1 J						87.4 J	
MERCURY	1.5 J	0.046 U	0.026 U						0.022 U	
NICKEL	0.25 J	38.2 J	48.2 J						45.9 J	

Table
Summary of Chemicals Detected - Subsurface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB060/TW01	03SB060/TW01	03SB060/TW01	03SB061	03SB061	03SB063/TW02	03SB063/TW02	03SB063/TW02	03SB064	03SB065
NSAMPLE	03SB0600206	03SB0600610	03SB0601014	03SB0610206	03SB0610610	03SB0630206	03SB0630610	03SB0631014	03SB0640206	03SB0650206
SAMPLE	03SB0600206	03SB0600610	03SB0601014	03SB0610206	03SB0610610	03SB0630206	03SB0630610	03SB0631014	03SB0640206	03SB0650206
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10	2 - 6	6 - 10	10 - 14	2 - 6	2 - 6
SAMPLE DATE	4/16/2004	4/16/2004	4/16/2004	4/22/2004	4/22/2004	4/17/2004	4/17/2004	4/17/2004	4/17/2004	4/17/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
POTASSIUM	3.5 U	3940 J	8980 J						2310 J	
SELENIUM	0.026 U	0.16 U	0.09 U						0.32 U	
SILVER	0.045 U	0.05 U	0.05 U						0.05 UJ	
SODIUM	3.47 U	107 J	226 J						110 J	
THALLIUM	0.012 U	0.15 U	0.24 U						0.09 U	
TIN	1.6 U	0.76 U	0.92 U						0.61 U	
VANADIUM	0.21 J	22.9 J	19.2 J						8.9 J	
ZINC	1.13 U	59 J	39.8 J						78.7 J	
Miscellaneous Parameter										
BULK DENSITY (G/CM3)										
CATION EXCHANGE CAPACITY (MEQ/1)										
PERCHLORATE (MG/KG)				0.046 U	0.044 U					0.045 U
PERCHLORATE-8321 (UG/KG)										
PH (S.U.)										
POROSITY (%)										
SPECIFIC GRAVITY (S.U.)										
TOTAL ORGANIC CARBON (MG/KG)										

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB065	03SB065	03SB065	03SB066	03SB066	03SB066	03SB067	03SB067	03SB067	03SB068
NSAMPLE	03SB0650610	03SB0650610-D	03SB0651014	03SB0660206	03SB0660610	03SB0661014	03SB0670206	03SB0670610	03SB0671014	03SB0680206
SAMPLE	03SB0650610	FD04170401	03SB0651014	03SB0660206	03SB0660610	03SB0661014	03SB0670206	03SB0670610	03SB0671014	03SB0680206
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	DUP	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	6 - 10	6 - 10	10 - 14	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10	10 - 14	2 - 6
SAMPLE DATE	4/17/2004	4/17/2004	4/17/2004	4/16/2004	4/16/2004	4/16/2004	4/16/2004	4/16/2004	4/16/2004	4/16/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/kg)										
1,1,2-TRICHLOROETHANE	0.988 U	1.18 U	1.2 U		1.26 U	1.03 UJ		1.17 U	0.965 U	
1,1-DICHLOROETHENE	0.988 U	1.18 U	1.2 U		1.26 U	1.03 U		1.17 U	0.965 U	
2-BUTANONE	9 J	6 J	9 J		1.26 UR	1.03 UR		1.17 UR	0.965 UR	
4-METHYL-2-PENTANONE	0.988 U	1.18 U	1.2 U		1.26 U	1.03 UJ		1.17 U	0.965 U	
ACETONE	43 J	42 J	45 J		1.26 UJ	1.03 UJ		1.17 UJ	0.965 UJ	
BENZENE	0.988 U	1.18 U	1.2 U		1.26 U	1.03 U		1.17 U	0.965 U	
BROMOMETHANE	0.988 U	1.18 U	1.2 U		1.26 U	1.03 U		1.17 U	0.965 U	
CARBON DISULFIDE	0.988 U	2 J	2 J		1.26 U	1.03 U		1.17 U	0.965 U	
CHLOROFORM	0.988 U	1.18 U	1.2 U		1.26 U	1.03 U		1.17 U	0.965 U	
CHLOROMETHANE	0.988 U	1.18 U	1.2 U		1.26 U	1.03 U		1.17 U	0.965 U	
CIS-1,2-DICHLOROETHENE	60	82	210		1.26 U	1.03 U		1.17 U	0.965 U	
ETHYLBENZENE	0.988 U	1.18 U	1.2 U		1.26 U	1.03 UJ		1.17 U	0.965 U	
METHYL IODIDE	0.988 U	1.18 UR	1.2 UJ		1.26 UJ	1.03 UJ		1.17 UJ	0.965 UJ	
STYRENE	0.988 U	1.18 U	1.2 U		1.26 U	1.03 UJ		1.17 U	0.965 U	
TOLUENE	0.988 U	2 J	1.2 U		1.26 U	1.03 UJ		1.17 U	0.965 U	
TOTAL XYLENES	0.988 U	1.18 U	1.2 U		1.26 U	1.03 UJ		1.17 U	0.965 U	
TRANS-1,2-DICHLOROETHENE	4 J	7	46		1.26 U	1.03 U		1.17 U	0.965 U	
TRICHLOROETHENE	0.988 U	1.18 U	19		1.26 U	1.03 UJ		1.17 U	0.965 U	
TRICHLOROFLUOROMETHANE	0.988 U	1.18 U	1.2 U		1.26 U	1.03 U		1.17 U	0.965 U	
VINYL CHLORIDE	8	11	1.2 U		1.26 U	1.03 U		1.17 U	0.965 U	
Energetics (mg/kg)										
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.34 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.25 U	0.25 U	0.25 U	0.53 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Inorganics (mg/kg)										
ALUMINUM				9290 J	7780 J	34300 J				8020 J
ANTIMONY				0.71 J	0.26 U	0.49 U				0.49 J
ARSENIC				13 J	10.2 J	19 J				7.2 J
BARIUM				51.4 J	515 J	86.4 J				46.6 J
BERYLLIUM				1.1 J	1.2 J	1.5 J				0.59 U
CADMIUM				0.4 U	0.31 U	0.35 J				0.16 U
CALCIUM				951 U	7280 J	4110 J				1630 J
CHROMIUM				17.5 J	18.9 J	30.9 J				12.4 J
COBALT				15.8 J	39.9 J	9.6 J				14.5 J
COPPER				19 J	7.5 J	15.2 J				7.6 J
IRON				27400 J	68100 J	32400 J				20700 J
LEAD				20.9 J	24.2 J	25.2 J				15.6 J
MAGNESIUM				1270 J	765 J	4170 J				796 J
MANGANESE				433 J	2230 J	91.4 J				900 J
MERCURY				0.007 UJ	0.017 U	0.018 U				0.039 J
NICKEL				13.6 J	28 J	34.3 J				17.2 J

Table
Summary of Chemicals Detected - Subsurface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB065	03SB065	03SB065	03SB066	03SB066	03SB066	03SB067	03SB067	03SB067	03SB068
NSAMPLE	03SB0650610	03SB0650610-D	03SB0651014	03SB0660206	03SB0660610	03SB0661014	03SB0670206	03SB0670610	03SB0671014	03SB0680206
SAMPLE	03SB0650610	FD04170401	03SB0651014	03SB0660206	03SB0660610	03SB0661014	03SB0670206	03SB0670610	03SB0671014	03SB0680206
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	DUP	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	6 - 10	6 - 10	10 - 14	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10	10 - 14	2 - 6
SAMPLE DATE	4/17/2004	4/17/2004	4/17/2004	4/16/2004	4/16/2004	4/16/2004	4/16/2004	4/16/2004	4/16/2004	4/16/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
POTASSIUM				467 J	894 J	6870 J				483 J
SELENIUM				0.34 J	0.12 U	0.14 U				0.29 J
SILVER				0.07 U	0.044 U	0.045 U				0.044 U
SODIUM				52.7 U	44.8 J	161 J				29.4 U
THALLIUM				0.08 U	0.16 U	0.22 U				0.1 U
TIN				1.2 U	0.56 U	1 U				0.82 U
VANADIUM				23.1 J	27 J	18.7 J				20.5 J
ZINC				37.9 J	59.2 J	68.4 J				32 J
Miscellaneous Parameter										
BULK DENSITY (G/CM3)										
CATION EXCHANGE CAPACITY (MEQ/1)										
PERCHLORATE (MG/KG)	0.048 UJ	0.047 UJ	0.049 UJ				0.051 U	0.8	0.09 J	
PERCHLORATE-8321 (UG/KG)								1.3 U	1.2 U	
PH (S.U.)										
POROSITY (%)										
SPECIFIC GRAVITY (S.U.)										
TOTAL ORGANIC CARBON (MG/KG)										

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB068	03SB068	03SB068	03SB069	03SB069	03SB069	03SB070	03SB070	03SB070	03SB071
NSAMPLE	03SB0680610	03SB0680610-D	03SB0681014	03SB0690206	03SB0690206-D	03SB0690610	03SB0700206	03SB0700610	03SB0701014	03SB0710206
SAMPLE	03SB0680610	FD04160401	03SB0681014	03SB0690206	FD04190402	03SB0690610	03SB0700206	03SB0700610	03SB0701014	03SB0710206
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	DUP	NORMAL	NORMAL	DUP	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	6 - 10	6 - 10	10 - 14	2 - 6	2 - 6	6 - 10	2 - 6	6 - 10	10 - 14	2 - 6
SAMPLE DATE	4/16/2004	4/16/2004	4/16/2004	4/19/2004	4/19/2004	4/19/2004	4/19/2004	4/19/2004	4/19/2004	4/19/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/kg)										
1,1,2-TRICHLOROETHANE	0.966 U	1.14 U	1.19 U			1.17 U		1.35 U	1.25 U	
1,1-DICHLOROETHENE	0.966 U	1.14 U	1.19 U			1.17 U		1.35 U	1.25 U	
2-BUTANONE	0.966 UR	1.14 UR	1.19 UR			1.17 U		1.35 U	1.25 U	
4-METHYL-2-PENTANONE	0.966 U	1.14 U	1.19 U			1.17 U		1.35 U	1.25 U	
ACETONE	0.966 UJ	1.14 UJ	1.19 UJ			8 J		20 J	7 J	
BENZENE	0.966 U	1.14 U	1.19 U			1.17 U		31	1.25 U	
BROMOMETHANE	0.966 U	1.14 U	1.19 U			1.17 U		1.35 U	1.25 U	
CARBON DISULFIDE	0.966 U	1.14 U	1.19 U			1.17 U		1.35 U	1.25 U	
CHLOROFORM	0.966 U	1.14 UJ	1.19 U			1.17 U		1.35 U	1.25 U	
CHLOROMETHANE	0.966 U	1.14 U	1.19 U			1.17 U		1.35 U	1.25 U	
CIS-1,2-DICHLOROETHENE	0.966 U	1.14 U	1.19 U			1.17 U		1.35 U	1.25 U	
ETHYLBENZENE	0.966 U	1.14 U	1.19 U			1.17 U		3 J	1.25 U	
METHYL IODIDE	0.966 UJ	1.14 UJ	1.19 UJ			1.17 UJ		1.35 UJ	1.25 UJ	
STYRENE	0.966 U	1.14 U	1.19 U			1.17 U		1.35 U	1.25 U	
TOLUENE	0.966 U	1.14 U	1.19 U			1.17 U		16	1.25 U	
TOTAL XYLENES	0.966 U	1.14 U	1.19 U			1.17 U		8	1.25 U	
TRANS-1,2-DICHLOROETHENE	0.966 U	1.14 U	1.19 U			1.17 U		1.35 U	1.25 U	
TRICHLOROETHENE	0.966 U	1.14 U	1.19 U			1.17 U		1.35 U	1.25 U	
TRICHLOROFLUOROMETHANE	0.966 U	1.14 U	1.19 U			1.17 U		1.35 U	1.25 U	
VINYL CHLORIDE	0.966 U	1.14 U	1.19 U			1.17 U		1.35 U	1.25 U	
Energetics (mg/kg)										
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Inorganics (mg/kg)										
ALUMINUM	10500 J	13300 J	34300 J				11200 J	12600	7820	
ANTIMONY	0.6 J	0.71 J	0.33 U				0.28 U	0.12 U	0.2 U	
ARSENIC	14.3 J	29.6 J	22 J				4.9 J	2.5 J	2.3 J	
BARIUM	47.8 J	35.9 J	45.7 J				126 J	174 J	143 J	
BERYLLIUM	0.94 J	1.4 J	1.9 J				1.1 J	1.5 J	0.75 U	
CADMIUM	0.27 U	0.43 J	0.27 U				0.21 U	0.43 U	0.32 U	
CALCIUM	2400 J	979 J	2990 J				42500 J	8560 J	129000 J	
CHROMIUM	21.3 J	53 J	26.7 J				12.3 J	12.2 J	10.7 J	
COBALT	14.4 J	22.2 J	15.1 J				12.3 J	5.9 J	6.9 J	
COPPER	8.3 J	10.1 J	17.4 J				9.5 J	18.6 J	8.6 J	
IRON	69200 J	96200 J	42300 J				22200 J	12700 J	24300 J	
LEAD	18.8 J	35.9 J	38.4 J				11.9 J	9.7 J	9.8 J	
MAGNESIUM	783 J	791 J	4330 J				23900 J	3000 J	2570 J	
MANGANESE	704 J	956 J	69.6 J				665 J	93.9 J	1030 J	
MERCURY	0.025 U	0.037 U	0.05 U				0.048 J	0.038 U	0.043 U	
NICKEL	15.2 J	25.5 J	48.4 J				20 J	32.7 J	19.8 J	

Table
Summary of Chemicals Detected - Subsurface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB068	03SB068	03SB068	03SB069	03SB069	03SB069	03SB070	03SB070	03SB070	03SB071
NSAMPLE	03SB0680610	03SB0680610-D	03SB0681014	03SB0690206	03SB0690206-D	03SB0690610	03SB0700206	03SB0700610	03SB0701014	03SB0710206
SAMPLE	03SB0680610	FD04160401	03SB0681014	03SB0690206	FD04190402	03SB0690610	03SB0700206	03SB0700610	03SB0701014	03SB0710206
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	DUP	NORMAL	NORMAL	DUP	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	6 - 10	6 - 10	10 - 14	2 - 6	2 - 6	6 - 10	2 - 6	6 - 10	10 - 14	2 - 6
SAMPLE DATE	4/16/2004	4/16/2004	4/16/2004	4/19/2004	4/19/2004	4/19/2004	4/19/2004	4/19/2004	4/19/2004	4/19/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
POTASSIUM	910 J	966 J	5350 J				1120 J	1590 J	1340 J	
SELENIUM	0.17 U	0.21 U	1 U				0.18 U	0.32 U	0.65 U	
SILVER	0.043 U	0.045 U	0.044 U				0.047 U	0.051 U	0.049 U	
SODIUM	39.1 U	42.2 U	168 J				68.1 J	75.9 J	85.2 J	
THALLIUM	0.13 U	0.16 U	0.19 U				0.12 U	0.12 U	0.1 U	
TIN	0.41 U	0.49 U	0.88 U				0.38 U	0.48 U	0.98 U	
VANADIUM	31.8 J	58 J	15.5 J				13.3 J	10.2 J	12 J	
ZINC	58.6 J	116 J	61.1 J				27 J	24.3 J	26.5 J	
Miscellaneous Parameter										
BULK DENSITY (G/CM3)										
CATION EXCHANGE CAPACITY (MEQ/1)										
PERCHLORATE (MG/KG)										0.05 U
PERCHLORATE-8321 (UG/KG)										1.3 U
PH (S.U.)										
POROSITY (%)										
SPECIFIC GRAVITY (S.U.)										
TOTAL ORGANIC CARBON (MG/KG)										

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB072	03SB072	03SB073	03SB073	03SB073	03SB074	03SB074	03SB074	03SB075	03SB075
NSAMPLE	03SB0720206	03SB0720610	03SB0730206	03SB0730610	03SB0731014	03SB0740206	03SB0740610	03SB0741014	03SB0750206	03SB0750610
SAMPLE	03SB0720206	03SB0720610	03SB0730206	03SB0730610	03SB0731014	03SB0740206	03SB0740610	03SB0741014	03SB0750206	03SB0750610
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	2 - 6	6 - 10	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10
SAMPLE DATE	4/19/2004	4/19/2004	4/19/2004	4/19/2004	4/19/2004	4/22/2004	4/22/2004	4/22/2004	4/22/2004	4/22/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/kg)										
1,1,2-TRICHLOROETHANE		1.2 U		1.15 U	1.13 U		1.72 U	1.24 U		1.08 U
1,1-DICHLOROETHENE		1.2 U		1.15 U	1.13 U		1.72 U	1.24 U		1.08 U
2-BUTANONE		1.2 U		1.15 U	1.13 U		1.72 UR	8 J		1.08 UR
4-METHYL-2-PENTANONE		1.2 U		1.15 U	1.13 U		1.72 UJ	1.24 UJ		1.08 UJ
ACETONE		4 J		1.15 UJ	1.13 UJ		4 BU	51 J		4 BU
BENZENE		1.2 U		1.15 U	1.13 U		1.72 U	1.24 U		1.08 U
BROMOMETHANE		1.2 U		1.15 U	1.13 U		1.72 U	1.24 U		1.08 U
CARBON DISULFIDE		1.2 U		1.15 U	1.13 U		1.72 U	2 J		1.08 U
CHLOROFORM		1.2 U		1.15 U	1.13 U		1.72 U	1.24 U		1.08 U
CHLOROMETHANE		1.2 U		1.15 U	1.13 U		1.72 U	1.24 U		1.08 U
CIS-1,2-DICHLOROETHENE		1.2 U		1.15 U	1.13 U		1.72 U	1.24 U		1.08 U
ETHYLBENZENE		1.2 U		1.15 U	1.13 U		1.72 U	1.24 UJ		1.08 U
METHYL IODIDE		1.2 UJ		1.15 UJ	1.13 UJ		1.72 UR	1.24 UR		1.08 UR
STYRENE		1.2 U		1.15 U	1.13 U		1.72 U	1.24 U		1.08 U
TOLUENE		1.2 U		1.15 U	1.13 U		1.72 U	1.24 U		1.08 U
TOTAL XYLENES		1.2 U		1.15 U	1.13 U		1.72 U	1.24 U		1.08 U
TRANS-1,2-DICHLOROETHENE		1.2 U		1.15 U	1.13 U		1.72 U	1.24 U		1.08 U
TRICHLOROETHENE		1.2 U		1.15 U	1.13 U		1.72 U	1.24 U		1.08 U
TRICHLOROFLUOROMETHANE		1.2 U		1.15 U	2 J		1.72 U	1.24 U		1.08 U
VINYL CHLORIDE		1.2 U		1.15 U	1.13 U		1.72 U	1.24 U		1.08 U
Energetics (mg/kg)										
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Inorganics (mg/kg)										
ALUMINUM	10300 J	11500 J				7880 J	7470 J	10900 J		
ANTIMONY	0.57 J	0.28 J				0.42 U	0.43 U	0.41 U		
ARSENIC	5.1 J	8.4 J				7.3 J	19.5 J	8.7 J		
BARIUM	93.3 J	74.9 J				183 J	322 J	150 J		
BERYLLIUM	0.8 J	0.81 J				0.9 J	1.3 J	1.1 J		
CADMIUM	0.34 U	0.12 U				0.47 U	0.73 J	0.43 U		
CALCIUM	2980 J	4390 J				4170 J	3300 J	3440 J		
CHROMIUM	13.3 J	14.6 J				14.9 J	44.6 J	14.6 J		
COBALT	12.9 J	14.2 J				13 J	16.5 J	14 J		
COPPER	12.7 J	12.2 J				16.3 J	20.1 J	15.4 J		
IRON	15400 J	21000 J				20300 J	50800 J	21700 J		
LEAD	20.1 J	16.1 J				26.5 J	46.4 J	24.3 J		
MAGNESIUM	1290 J	2780 J				2000 J	1760 J	3290 J		
MANGANESE	282 J	133 J				739 J	865 J	527 J		
MERCURY	0.008 J	0.012 J				0.058 J	0.052 J	0.025 J		
NICKEL	18.2 J	35.3 J				20.9 J	20.8 J	27 J		

Table
Summary of Chemicals Detected - Subsurface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB072	03SB072	03SB073	03SB073	03SB073	03SB074	03SB074	03SB074	03SB075	03SB075
NSAMPLE	03SB0720206	03SB0720610	03SB0730206	03SB0730610	03SB0731014	03SB0740206	03SB0740610	03SB0741014	03SB0750206	03SB0750610
SAMPLE	03SB0720206	03SB0720610	03SB0730206	03SB0730610	03SB0731014	03SB0740206	03SB0740610	03SB0741014	03SB0750206	03SB0750610
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	2 - 6	6 - 10	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10
SAMPLE DATE	4/19/2004	4/19/2004	4/19/2004	4/19/2004	4/19/2004	4/22/2004	4/22/2004	4/22/2004	4/22/2004	4/22/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
POTASSIUM	1170 J	1530 J				1270 J	1030 J	2020 J		
SELENIUM	0.31 J	0.2 U				0.33 U	0.56 J	0.28 U		
SILVER	0.047 U	0.045 U				0.09 U	0.14 U	0.1 U		
SODIUM	27.2 U	34.6 U				37.7 U	37.8 U	71.6 J		
THALLIUM	0.1 U	0.05 U				0.11 U	0.12 U	0.12 U		
TIN	0.98 U	0.83 U				0.68 U	0.55 J	0.66 J		
VANADIUM	15 J	8.3 J				15.8 J	38.9 J	10 J		
ZINC	44.4 J	51.4 J				77.5 J	51.3 J	53.9 J		
Miscellaneous Parameter										
BULK DENSITY (G/CM3)										
CATION EXCHANGE CAPACITY (MEQ/1)										
PERCHLORATE (MG/KG)			0.048 U	0.047 U	0.048 U					
PERCHLORATE-8321 (UG/KG)										
PH (S.U.)										
POROSITY (%)										
SPECIFIC GRAVITY (S.U.)										
TOTAL ORGANIC CARBON (MG/KG)										

Summary of Chemicals Detected - Subsurface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB076	03SB076	03SB076	03SB077	03SB077	03SB078	03SB078	03SB078	03SB079	03SB079
NSAMPLE	03SB0760206	03SB0760610	03SB0761014	03SB0770206	03SB0770610	03SB0780206	03SB0780206-D	03SB0780610	03SB0790206	03SB0790206-D
SAMPLE	03SB0760206	03SB0760610	03SB0761014	03SB0770206	03SB0770610	03SS0780206	FD04200401	03SS0780610	03SB0790206	FD04170402
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	DUP	NORMAL	NORMAL	DUP
DEPTH RANGE	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10	2 - 6	2 - 6	6 - 10	2 - 6	2 - 6
SAMPLE DATE	4/20/2004	4/20/2004	4/20/2004	4/20/2004	4/20/2004	4/20/2004	4/20/2004	4/20/2004	4/17/2004	4/17/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/kg)										
1,1,2-TRICHLOROETHANE		1.3 U	1.56 U		1.71 U			1.25 U		
1,1-DICHLOROETHENE		1.3 U	1.56 U		1.71 U			1.25 U		
2-BUTANONE		1.3 UR	1.56 UR		1.71 UR			1.25 UR		
4-METHYL-2-PENTANONE		1.3 UJ	1.56 UJ		1.71 UJ			1.25 U		
ACETONE		10 BU	11 BU		37 BU			9 U		
BENZENE		1.3 U	1.56 U		2 J			1.25 U		
BROMOMETHANE		1.3 U	1.56 U		1.71 U			1.25 U		
CARBON DISULFIDE		1.3 U	1.56 U		1.71 U			1.25 U		
CHLOROFORM		3 J	1.56 U		1.71 U			1.25 U		
CHLOROMETHANE		1.3 U	1.56 U		1.71 U			1.25 U		
CIS-1,2-DICHLOROETHENE		1.3 U	1.56 U		1.71 U			1.25 U		
ETHYLBENZENE		1.3 U	1.56 U		1.71 U			1.25 U		
METHYL IODIDE		1.3 UR	1.56 UR		1.71 UR			1.25 UR		
STYRENE		1.3 U	1.56 U		1.71 U			1.25 U		
TOLUENE		1.3 U	1.56 U		3 J			1.25 U		
TOTAL XYLENES		1.3 U	1.56 U		1.71 U			1.25 U		
TRANS-1,2-DICHLOROETHENE		1.3 U	1.56 U		1.71 U			1.25 U		
TRICHLOROETHENE		1.3 U	1.56 U		1.71 U			1.25 U		
TRICHLOROFLUOROMETHANE		1.3 U	1.56 U		1.71 U			1.25 U		
VINYL CHLORIDE		1.3 U	1.56 U		1.71 U			1.25 U		
Energetics (mg/kg)										
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1.8 J	0.9 J
RDX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Inorganics (mg/kg)										
ALUMINUM	8100	6800	13500			9970	8180	9140		
ANTIMONY	0.44 U	0.49 U	0.69 U			0.74 U	0.69 U	0.57 U		
ARSENIC	2.6 J	1.3 J	9.4 J			7.5 J	5.5 J	7 J		
BARIUM	43.7 J	73.9 J	72.4 J			53.3 J	57.4 J	56.2 J		
BERYLLIUM	0.27 J	0.54	1.5			0.85	0.97	0.78		
CADMIUM	0.18 J	0.19 J	0.25 J			0.44 J	0.42 J	0.38 J		
CALCIUM	756 J	1310 J	4440 J			6370 J	6780 J	6130 J		
CHROMIUM	8.5 J	9.4 J	20.1 J			13.2 J	12.9 J	13.5 J		
COBALT	8.9	4.5	17.9			24.7	19.2	11.7		
COPPER	4.7 J	5 J	16.6 J			14.7 J	12.8 J	13.9 J		
IRON	13100 J	7180 J	23200 J			14400 J	11800 J	15100 J		
LEAD	9.6 J	8.1 J	16.4 J			17.1 J	16.4 J	13.1 J		
MAGNESIUM	594 J	831 J	3940 J			2380 J	2450 J	3360 J		
MANGANESE	718	88.6	213			142	107	46.4		
MERCURY	0.026 J	0.03 J	0.023 J			0.018 J	0.019 J	0.018 J		
NICKEL	6.1 J	7.4 J	42.7 J			47.1 J	46 J	35.7 J		

Table
Summary of Chemicals Detected - Subsurface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB076	03SB076	03SB076	03SB077	03SB077	03SB078	03SB078	03SB078	03SB079	03SB079
NSAMPLE	03SB0760206	03SB0760610	03SB0761014	03SB0770206	03SB0770610	03SB0780206	03SB0780206-D	03SB0780610	03SB0790206	03SB0790206-D
SAMPLE	03SB0760206	03SB0760610	03SB0761014	03SB0770206	03SB0770610	03SS0780206	FD04200401	03SS0780610	03SB0790206	FD04170402
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	DUP	NORMAL	NORMAL	DUP
DEPTH RANGE	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10	2 - 6	2 - 6	6 - 10	2 - 6	2 - 6
SAMPLE DATE	4/20/2004	4/20/2004	4/20/2004	4/20/2004	4/20/2004	4/20/2004	4/20/2004	4/20/2004	4/17/2004	4/17/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
POTASSIUM	402 J	397 J	3230 J			2300 J	2290 J	2350 J		
SELENIUM	0.1 U	0.13 U	0.32 J			0.5 J	0.38 J	0.5 J		
SILVER	0.046 U	0.05 U	0.047 U			0.047 U	0.047 U	0.046 U		
SODIUM	19.9 U	29.4 U	90.7 J			52.9 J	52.8 J	66.6 J		
THALLIUM	0.09 J	0.06 U	0.09 J			0.11 J	0.11 J	0.07 U		
TIN	0.43 U	0.67 U	0.99 U			0.88 U	0.69 U	0.9 U		
VANADIUM	15.4 J	10.8 J	10.3 J			6.5 J	5.9 J	7.2 J		
ZINC	14.4 J	13.4 J	33.5 J			72.9 J	68 J	54.9 J		
Miscellaneous Parameter										
BULK DENSITY (G/CM3)										
CATION EXCHANGE CAPACITY (MEQ/1)						31	34	26		
PERCHLORATE (MG/KG)				0.05 J	0.049 U				0.046 U	0.047 U
PERCHLORATE-8321 (UG/KG)				1.2 U						
PH (S.U.)						7.6	7.8	7.7		
POROSITY (%)										
SPECIFIC GRAVITY (S.U.)										
TOTAL ORGANIC CARBON (MG/KG)						4200	3800	9300		

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB079	03SB079	03SB080	03SB080	03SB080	03SB081	03SB081	03SB081	03SB082	03SB082
NSAMPLE	03SB0790610	03SB0791014	03SB0800206	03SB0800610	03SB0801014	03SB0810206	03SB0810610	03SB0810610-D	03SB0820206	03SB0820610
SAMPLE	03SB0790610	03SB0791014	03SB0800206	03SB0800610	03SB0801014	03SB0810206	03SB0810610	FD04170403	03SB0820206	03SB0820610
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	DUP	NORMAL	NORMAL
DEPTH RANGE	6 - 10	10 - 14	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10	6 - 10	2 - 6	6 - 10
SAMPLE DATE	4/17/2004	4/17/2004	4/17/2004	4/17/2004	4/17/2004	4/17/2004	4/17/2004	4/17/2004	4/18/2004	4/18/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/kg)										
1,1,2-TRICHLOROETHANE	1.26 U	1.3 U		1.14 U	1 U		1.01 U	1.2 U		1.44 U
1,1-DICHLOROETHENE	1.26 U	1.3 U		1.14 U	1 U		1.01 U	1.2 U		1.44 U
2-BUTANONE	1.26 UR	1.3 UR		5 J	1 UR		1.01 UR	1.2 UR		8 J
4-METHYL-2-PENTANONE	1.26 U	1.3 U		1.14 U	1 U		1.01 U	1.2 U		1.44 U
ACETONE	40 J	1.3 UR		43 J	22 J		1.01 UR	20 J		52 J
BENZENE	1.26 U	1.3 U		1.14 U	1 U		1.01 U	1.2 U		1.44 U
BROMOMETHANE	1.26 U	1.3 U		1.14 U	1 U		1.01 U	1.2 U		1.44 U
CARBON DISULFIDE	1.26 U	1.3 U		1.14 U	3		1.01 U	1.2 U		1.44 U
CHLOROFORM	1.26 U	1.3 U		1.14 U	1 U		1.01 U	1.2 U		1.44 U
CHLOROMETHANE	1.26 U	1.3 U		1.14 U	1 U		1.01 U	1.2 U		1.44 U
CIS-1,2-DICHLOROETHENE	1.26 U	1.3 U		1.14 U	2 J		1.01 U	1.2 U		1.44 U
ETHYLBENZENE	1.26 U	1.3 U		1.14 U	1 U		1.01 U	1.2 U		1.44 U
METHYL IODIDE	1.26 U	1.3 U		1.14 UR	1 U		1.01 U	1.2 UR		1.44 U
STYRENE	1.26 UR	1.3 U		1.14 U	1 U		1.01 U	1.2 U		1.44 U
TOLUENE	1.26 U	1.3 U		1.14 U	1 U		1.01 U	1.2 U		1.44 U
TOTAL XYLENES	1.26 U	1.3 U		1.14 U	1 U		1.01 U	1.2 U		1.44 U
TRANS-1,2-DICHLOROETHENE	1.26 U	1.3 U		1.14 U	1 U		1.01 U	1.2 U		1.44 U
TRICHLOROETHENE	1.26 U	1.3 U		1.14 U	2 J		1.01 U	1.2 U		1.44 U
TRICHLOROFLUOROMETHANE	1.26 U	1.3 U		1.14 U	1 U		1.01 U	1.2 U		1.44 U
VINYL CHLORIDE	1.26 U	1.3 U		1.14 U	1 U		1.01 U	1.2 U		1.44 U
Energetics (mg/kg)										
1,3,5-TRINITROBENZENE	0.25 U	0.91 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	45	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.25 U	0.33 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.25 U	0.25 U	1.3	0.25 U	0.76	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	0.25 U	0.25 U	0.82	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Inorganics (mg/kg)										
ALUMINUM			6460 J	6660 J	3880 J				7650 J	4050 J
ANTIMONY			0.38 J	0.96 J	0.4 J				0.29 U	0.49 J
ARSENIC			10.2 J	9.2 J	3.8 J				10.9 J	7.2 J
BARIUM			73.3 J	141 J	60.2 J				71.1 J	132 J
BERYLLIUM			1.1 J	1.8 J	0.41 U				2.3 J	0.91 J
CADMIUM			0.29 U	0.5 U	0.2 U				0.29 U	0.42 U
CALCIUM			2540 J	1180 J	1510 J				2780 J	3600 J
CHROMIUM			19 J	35.4 J	10.9 J				32.1 J	16 J
COBALT			15.8 J	19.4 J	7.2 J				17.3 J	16.4 J
COPPER			11.4 J	11.1 J	5.6 J				13.8 J	9.2 J
IRON			29600 J	57900 J	20400 J				55700 J	23400 J
LEAD			16.8 J	26.1 J	10.4 J				39.2 J	19.5 J
MAGNESIUM			811 J	646 J	860 J				827 J	521 J
MANGANESE			1080 J	1430 J	498 J				770 J	1050 J
MERCURY			0.033 U	0.034 U	0.018 U				0.032 U	0.061 U
NICKEL			18 J	33.6 J	13.5 J				22.9 J	17.8 J

Table
Summary of Chemicals Detected - Subsurface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB079	03SB079	03SB080	03SB080	03SB080	03SB081	03SB081	03SB081	03SB082	03SB082
NSAMPLE	03SB0790610	03SB0791014	03SB0800206	03SB0800610	03SB0801014	03SB0810206	03SB0810610	03SB0810610-D	03SB0820206	03SB0820610
SAMPLE	03SB0790610	03SB0791014	03SB0800206	03SB0800610	03SB0801014	03SB0810206	03SB0810610	FD04170403	03SB0820206	03SB0820610
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	DUP	NORMAL	NORMAL
DEPTH RANGE	6 - 10	10 - 14	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10	6 - 10	2 - 6	6 - 10
SAMPLE DATE	4/17/2004	4/17/2004	4/17/2004	4/17/2004	4/17/2004	4/17/2004	4/17/2004	4/17/2004	4/18/2004	4/18/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
POTASSIUM			685 J	775 J	523 J				516 J	554 J
SELENIUM			0.36 U	0.13 U	0.03 U				0.29 U	0.29 U
SILVER			0.049 UJ	0.044 U	0.041 U				0.05 U	0.16 U
SODIUM			39.8 U	48.2 U	27.8 U				59.3 U	33.2 U
THALLIUM			0.11 U	0.14 U	0.07 U				0.09 U	0.21 U
TIN			0.49 U	0.49 U	0.45 U				0.45 U	0.52 U
VANADIUM			24.6 J	33.2 J	12 J				26.4 J	17.4 J
ZINC			57.2 J	53.8 J	29.6 J				51.9 J	37.7 J
Miscellaneous Parameter										
BULK DENSITY (G/CM3)										
CATION EXCHANGE CAPACITY (MEQ/1)										
PERCHLORATE (MG/KG)	0.051 UJ	0.045 UJ								
PERCHLORATE-8321 (UG/KG)										
PH (S.U.)										
POROSITY (%)										
SPECIFIC GRAVITY (S.U.)										
TOTAL ORGANIC CARBON (MG/KG)										

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB082	03SB083	03SB083	03SB083	03SB084	03SB084	03SB085	03SB085	03SB085	03SB086
NSAMPLE	03SB0821014	03SB0830206	03SB0830610	03SB0830610-D	03SB0840206	03SB0840610	03SB0850206	03SB0850610	03SB0851014	03SB0860206
SAMPLE	03SB0821014	03SB0830206	03SB0830610	FD04180401	03SB0840206	03SB0840610	03SB0850206	03SB0850610	03SB0851014	03SB0860206
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	DUP	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	10 - 14	2 - 6	6 - 10	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	10 - 14	2 - 6
SAMPLE DATE	4/18/2004	4/18/2004	4/18/2004	4/18/2004	4/18/2004	4/18/2004	4/18/2004	4/18/2004	4/18/2004	4/18/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/kg)										
1,1,2-TRICHLOROETHANE	1.2 U		1.08 U	1.2 U		1.68 U		1.16 U	1.25 U	
1,1-DICHLOROETHENE	1.2 U		1.08 U	1.2 U		1.68 U		1.16 U	1.25 U	
2-BUTANONE	1.2 UR		4 J	1.2 U		1.68 U		5 J	1.25 U	
4-METHYL-2-PENTANONE	1.2 U		1.08 U	1.2 U		1.68 U		1.16 U	1.25 U	
ACETONE	16 J		40 J	14 J		19 J		38 J	21 J	
BENZENE	1.2 U		4	1.2 UJ		1.68 U		1.16 U	1.25 U	
BROMOMETHANE	1.2 U		1.08 U	1.2 U		1.68 U		1.16 U	1.25 U	
CARBON DISULFIDE	1.2 U		2 J	1.2 U		1.68 U		1.16 U	2 J	
CHLOROFORM	1.2 U		1.08 U	1.2 U		1.68 U		1.16 U	1.25 U	
CHLOROMETHANE	1.2 U		1.08 U	1.2 U		1.68 U		1.16 U	1.25 U	
CIS-1,2-DICHLOROETHENE	1.2 U		1.08 U	1.2 U		1.68 U		1.16 U	1.25 U	
ETHYLBENZENE	1.2 U		2 J	1.2 U		1.68 U		1.16 U	1.25 U	
METHYL IODIDE	1.2 UR		1.08 UJ	1.2 UJ		1.68 UJ		1.16 UJ	1.25 UJ	
STYRENE	1.2 U		1.08 UJ	1.2 U		1.68 U		1.16 U	1.25 U	
TOLUENE	1.2 U		8	1.2 UJ		1.68 U		1.16 U	1.25 U	
TOTAL XYLENES	1.2 U		6	1.2 UJ		2 J		1.16 U	1.25 U	
TRANS-1,2-DICHLOROETHENE	1.2 U		1.08 U	1.2 U		1.68 U		1.16 U	1.25 U	
TRICHLOROETHENE	1.2 U		1.08 U	1.2 U		1.68 U		1.16 U	1.25 U	
TRICHLOROFLUOROMETHANE	1.2 U		1.08 U	1.2 U		1.68 U		1.16 U	1.25 U	
VINYL CHLORIDE	1.2 U		1.08 U	1.2 U		1.68 U		1.16 U	1.25 U	
Energetics (mg/kg)										
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.41 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Inorganics (mg/kg)										
ALUMINUM	4080 J				5450 J	5000				7360 J
ANTIMONY	0.75 J				0.43 J	0.67 J				0.28 U
ARSENIC	8 J				6.2 J	7 J				7.2 J
BARIUM	192 J				56.6 J	142 J				108 J
BERYLLIUM	0.96 J				0.81 J	0.67 U				0.69 J
CADMIUM	0.69 U				0.11 U	0.23 U				0.31 J
CALCIUM	25700 J				12900 J	27700 J				8670 J
CHROMIUM	15.8 J				19.2 J	14.3 J				10.2 J
COBALT	16.1 J				12 J	19.2 J				11.3 J
COPPER	14.3 J				7.7 J	6.5 J				13.8 J
IRON	46300 J				41500 J	30500 J				21300 J
LEAD	32.7 J				10.9 J	28.8 J				13.6 J
MAGNESIUM	1760 J				2850 J	4250 J				1350 J
MANGANESE	1290 J				667 J	1450 J				744 J
MERCURY	0.027 U				0.02 U	0.015 U				0.02 U
NICKEL	24 J				13.5 J	18.9 J				21.5 J

Table
Summary of Chemicals Detected - Subsurface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB082	03SB083	03SB083	03SB083	03SB084	03SB084	03SB085	03SB085	03SB085	03SB086
NSAMPLE	03SB0821014	03SB0830206	03SB0830610	03SB0830610-D	03SB0840206	03SB0840610	03SB0850206	03SB0850610	03SB0851014	03SB0860206
SAMPLE	03SB0821014	03SB0830206	03SB0830610	FD04180401	03SB0840206	03SB0840610	03SB0850206	03SB0850610	03SB0851014	03SB0860206
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	DUP	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	10 - 14	2 - 6	6 - 10	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	10 - 14	2 - 6
SAMPLE DATE	4/18/2004	4/18/2004	4/18/2004	4/18/2004	4/18/2004	4/18/2004	4/18/2004	4/18/2004	4/18/2004	4/18/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
POTASSIUM	523 J				322 J	456 J				774 J
SELENIUM	0.08 U				0.08 U	0.06 U				0.14 U
SILVER	0.07 U				0.047 U	0.043 U				0.07 U
SODIUM	52.7 J				61.3 J	80.5 J				52.6 U
THALLIUM	0.11 U				0.08 U	0.1 U				0.09 U
TIN	0.49 U				0.44 U	0.67 U				0.61 U
VANADIUM	20.2 J				22.2 J	15.2 J				12.5 J
ZINC	60 J				26.7 J	32.3 J				45 J
Miscellaneous Parameter										
BULK DENSITY (G/CM3)										
CATION EXCHANGE CAPACITY (MEQ/1)										
PERCHLORATE (MG/KG)		0.041 U	0.046 U	0.045 UJ						
PERCHLORATE-8321 (UG/KG)			1.2 U							
PH (S.U.)										
POROSITY (%)										
SPECIFIC GRAVITY (S.U.)										
TOTAL ORGANIC CARBON (MG/KG)										

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB086	03SB086	03SB087	03SB087	03SB087	03SB088	03SB088	03SB089	03SB090/TW03	03SB090/TW03
NSAMPLE	03SB0860610	03SB0861014	03SB0870206	03SB0870610	03SB0871014	03SB0880206	03SB0880206-D	03SB0890206	03SB0900206	03SB0900610
SAMPLE	03SB0860610	03SB0861014	03SB0870206	03SB0870610	03SB0871014	03SB0880206	FD04180402	03SB0890206	03SB0900206	03SB0900610
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	DUP	NORMAL	NORMAL	NORMAL
DEPTH RANGE	6 - 10	10 - 14	2 - 6	6 - 10	10 - 14	2 - 6	2 - 6	2 - 6	2 - 6	6 - 10
SAMPLE DATE	4/18/2004	4/18/2004	4/18/2004	4/18/2004	4/18/2004	4/18/2004	4/18/2004	4/18/2004	4/18/2004	4/18/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/kg)										
1,1,2-TRICHLOROETHANE	1.14 U	1.07 U		1.18 U	1.08 U					1.51 U
1,1-DICHLOROETHENE	1.14 U	1.07 U		1.18 U	1.08 U					1.51 U
2-BUTANONE	1.14 UR	1.07 U		8 J	1.08 U					1.51 UR
4-METHYL-2-PENTANONE	1.14 U	1.07 U		1.18 U	1.08 U					1.51 U
ACETONE	19 J	13 J		66 J	14 J					16 J
BENZENE	1.14 U	1.07 U		1.18 U	1.08 U					1.51 U
BROMOMETHANE	1.14 U	1.07 U		2 J	1.08 UJ					1.51 U
CARBON DISULFIDE	1.14 U	1.07 U		1.18 U	1.08 U					1.51 U
CHLOROFORM	1.14 U	1.07 U		1.18 U	4					1.51 U
CHLOROMETHANE	1.14 U	1.07 U		1.18 U	1.08 U					1.51 U
CIS-1,2-DICHLOROETHENE	1.14 U	1.07 U		1.18 U	1.08 UJ					1.51 U
ETHYLBENZENE	1.14 U	1.07 U		1.18 U	1.08 U					1.51 U
METHYL IODIDE	1.14 UR	1.07 UJ		1.18 UJ	1.08 UJ					1.51 UR
STYRENE	1.14 U	1.07 U		1.18 U	1.08 U					1.51 U
TOLUENE	1.14 U	1.07 U		1.18 U	1.08 U					1.51 U
TOTAL XYLENES	1.14 U	1.07 U		1.18 U	1.08 UJ					1.51 U
TRANS-1,2-DICHLOROETHENE	1.14 U	1.07 U		1.18 U	1.08 UJ					1.51 U
TRICHLOROETHENE	1.14 U	1.07 U		1.18 U	1.08 U					1.51 U
TRICHLOROFLUOROMETHANE	1.14 U	1.07 U		1.18 U	1.08 U					2 J
VINYL CHLORIDE	1.14 U	1.07 U		1.18 U	1.08 U					1.51 U
Energetics (mg/kg)										
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.73	0.25 U	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.58 J	0.25 U	0.25 U	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.26 J	0.64	0.25 U	0.25 U	0.25 U
HMX	0.25 U	0.25 U	0.28 J	0.25 U	0.42 J	0.25 U	0.26 J	0.25 U	0.25 U	0.25 U
RDX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.28 J	0.25 U	0.25 U	0.25 U
Inorganics (mg/kg)										
ALUMINUM	8460 J	6600 J				7630 J	9270 J		8700 J	12300 J
ANTIMONY	0.41 J	1 J				1 J	0.75 J		0.35 U	0.28 U
ARSENIC	10.1 J	7.3 J				15.7 J	9 J		18.4 J	7.3 J
BARIUM	142 J	70.9 J				295 J	256 J		102 J	102 J
BERYLLIUM	0.88 U	0.72 U				0.74 J	0.76 J		0.88 J	0.8 U
CADMIUM	0.35 U	0.18 U				3.3 J	5.7 J		0.37 J	0.23 U
CALCIUM	15400 J	3970 J				2250 J	2420 J		27700 J	16200 J
CHROMIUM	19.1 J	13.6 J				25.7 J	43.9 J		12.9 J	16.8 J
COBALT	12 J	10.2 J				13.8 J	14.8 J		14.6 J	11.2 J
COPPER	22.2 J	9.1 J				91.8 J	77.3 J		12.7 J	14.6 J
IRON	25400 J	32500 J				20800 J	25100 J		35600 J	20200 J
LEAD	56.2 J	13.6 J				63 J	57.3 J		17.1 J	18.7 J
MAGNESIUM	1340 J	655 J				2260 J	2550 J		3250 J	3230 J
MANGANESE	793 J	635 J				505 J	801 J		417 J	163 J
MERCURY	0.029 U	0.012 J				0.71 J	2 J		0.031 U	0.018 U
NICKEL	20.1 J	14.1 J				31.8 J	56.3 J		45.8 J	34.5 J

Table
Summary of Chemicals Detected - Subsurface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB086	03SB086	03SB087	03SB087	03SB087	03SB088	03SB088	03SB089	03SB090/TW03	03SB090/TW03
NSAMPLE	03SB0860610	03SB0861014	03SB0870206	03SB0870610	03SB0871014	03SB0880206	03SB0880206-D	03SB0890206	03SB0900206	03SB0900610
SAMPLE	03SB0860610	03SB0861014	03SB0870206	03SB0870610	03SB0871014	03SB0880206	FD04180402	03SB0890206	03SB0900206	03SB0900610
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	DUP	NORMAL	NORMAL	NORMAL
DEPTH RANGE	6 - 10	10 - 14	2 - 6	6 - 10	10 - 14	2 - 6	2 - 6	2 - 6	2 - 6	6 - 10
SAMPLE DATE	4/18/2004	4/18/2004	4/18/2004	4/18/2004	4/18/2004	4/18/2004	4/18/2004	4/18/2004	4/18/2004	4/18/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
POTASSIUM	764 J	459 J				1250 J	1240 J		1800 J	3120 J
SELENIUM	0.49 U	0.16 U				0.28 U	0.27 U		0.1 U	0.25 U
SILVER	0.29 U	0.044 U				0.05 U	0.17 U		0.058 U	0.043 U
SODIUM	56.5 J	20.1 U				72.4 J	68.7 J		120 J	114 J
THALLIUM	0.12 U	0.07 U				0.1 U	0.08 U		0.08 U	0.1 U
TIN	1.2 U	0.7 U				1.7 J	1.3 U		0.49 U	0.71 U
VANADIUM	16.9 J	17 J				14.3 J	14.9 J		8.7 J	9.1 J
ZINC	90.1	39.7 J				281 J	349 J		63.3 J	46.6 J
Miscellaneous Parameter										
BULK DENSITY (G/CM3)										
CATION EXCHANGE CAPACITY (MEQ/1)										
PERCHLORATE (MG/KG)			0.046 U	0.046 UJ	0.046 U			0.06 J		
PERCHLORATE-8321 (UG/KG)								9		
PH (S.U.)										
POROSITY (%)										
SPECIFIC GRAVITY (S.U.)										
TOTAL ORGANIC CARBON (MG/KG)										

Summary of Chemicals Detected - Subsurface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB091	03SB091	03SB091	03SB092	03SB092	03SB093	03SB093	03SB093	03SB094	03SB094
NSAMPLE	03SB0910206	03SB0910206-D	03SB0910610	03SB0920206	03SB0920610	03SB0930206	03SB0930610	03SB0931014	03SB0940206	03SB0940610
SAMPLE	03SB0910206	FD04230401	03SB0910610	03SB0920206	03SB0920610	03SB0930206	03SB0930610	03SB0931014	03SB0940206	03SB0940610
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	DUP	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	2 - 6	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10
SAMPLE DATE	4/23/2004	4/23/2004	4/23/2004	4/19/2004	4/19/2004	4/19/2004	4/19/2004	4/19/2004	4/21/2004	4/21/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/kg)										
1,1,2-TRICHLOROETHANE			1.26 U		1.48 U		1.35 U	0.917 U		1.11 U
1,1-DICHLOROETHENE			1.26 U		1.48 U		1.35 U	0.917 U		1.11 U
2-BUTANONE			1.26 U		6 J		1.35 U	0.917 U		1.11 UR
4-METHYL-2-PENTANONE			1.26 U		1.48 U		1.35 U	0.917 U		1.11 UJ
ACETONE			4 U		40 J		18 J	6 J		34 J
BENZENE			1.26 U		1.48 U		1.35 U	0.917 U		1.11 U
BROMOMETHANE			1.26 U		1.48 U		1.35 U	0.917 U		1.11 U
CARBON DISULFIDE			1.26 U		1.48 U		1.35 U	0.917 U		1.11 U
CHLOROFORM			1.26 U		7		1.35 U	0.917 U		5
CHLOROMETHANE			1.26 U		1.48 U		1.35 U	0.917 U		1.11 U
CIS-1,2-DICHLOROETHENE			1.26 U		1.48 U		1.35 U	0.917 U		1.11 U
ETHYLBENZENE			1.26 U		1.48 U		1.35 U	0.917 U		1.11 U
METHYL IODIDE			1.26 UJ		1.48 UJ		1.35 UJ	0.917 UJ		1.11 UJ
STYRENE			1.26 U		1.48 U		1.35 U	0.917 U		1.11 U
TOLUENE			1.26 U		1.48 U		1.35 U	0.917 U		1.11 U
TOTAL XYLENES			1.26 U		1.48 U		1.35 U	0.917 U		1.11 U
TRANS-1,2-DICHLOROETHENE			1.26 U		1.48 U		1.35 U	0.917 U		1.11 U
TRICHLOROETHENE			1.26 U		1.48 U		1.35 U	0.917 U		1.11 U
TRICHLOROFLUOROMETHANE			1.26 U		1.48 U		1.35 U	0.917 U		1.11 U
VINYL CHLORIDE			1.26 U		1.48 U		1.35 U	0.917 U		1.11 U
Energetics (mg/kg)										
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Inorganics (mg/kg)										
ALUMINUM				4660 J	7180				6710 J	5660
ANTIMONY				0.78 J	0.6 J				0.46 U	0.88 J
ARSENIC				8.2 J	7 J				8.8	10.3 J
BARIUM				433 J	196 J				65.9 J	172 J
BERYLLIUM				0.69 J	1.1 J				0.98	1.2
CADMIUM				0.49 J	0.34 U				0.48	0.62
CALCIUM				1730 J	3120 J				1240 J	456 J
CHROMIUM				14.7 J	17.7 J				30 J	29.9 J
COBALT				12 J	14 J				16.9	26.4
COPPER				26.9 J	42.6 J				18.6 J	12.2 J
IRON				20800 J	34100 J				39100 J	56400 J
LEAD				28 J	20.9 J				17.5 J	21.6 J
MAGNESIUM				729 J	973 J				550 J	399 J
MANGANESE				982 J	745 J				926 J	2200 J
MERCURY				0.077 U	0.043 U				0.035 J	0.024 J
NICKEL				15.8 J	21.8 J				19 J	39.6 J

Table
Summary of Chemicals Detected - Subsurface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB091	03SB091	03SB091	03SB092	03SB092	03SB093	03SB093	03SB093	03SB094	03SB094
NSAMPLE	03SB0910206	03SB0910206-D	03SB0910610	03SB0920206	03SB0920610	03SB0930206	03SB0930610	03SB0931014	03SB0940206	03SB0940610
SAMPLE	03SB0910206	FD04230401	03SB0910610	03SB0920206	03SB0920610	03SB0930206	03SB0930610	03SB0931014	03SB0940206	03SB0940610
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	DUP	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	2 - 6	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10
SAMPLE DATE	4/23/2004	4/23/2004	4/23/2004	4/19/2004	4/19/2004	4/19/2004	4/19/2004	4/19/2004	4/21/2004	4/21/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
POTASSIUM				563 J	857 J				444 J	351 J
SELENIUM				0.24 U	0.16 U				0.29 J	0.15 U
SILVER				0.15 U	0.07 U				0.043 U	0.043 U
SODIUM				20.7 U	38 U				30.1 U	22.2 U
THALLIUM				0.1 U	0.1 U				0.08 J	0.14 J
TIN				1.1 U	0.62 U				0.34 J	0.37 J
VANADIUM				16.1 J	17.4 J				27.9 J	24.1 J
ZINC				156 J	51 J				44.5 J	51.6 J
Miscellaneous Parameter										
BULK DENSITY (G/CM3)										
CATION EXCHANGE CAPACITY (MEQ/1)										
PERCHLORATE (MG/KG)	0.045 U	0.046 U	0.049 U							
PERCHLORATE-8321 (UG/KG)										
PH (S.U.)										
POROSITY (%)										
SPECIFIC GRAVITY (S.U.)										
TOTAL ORGANIC CARBON (MG/KG)										

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB095	03SB095	03SB096	03SB096	03SB097	03SB097	03SB098	03SB098	03SB099	03SB099
NSAMPLE	03SB0950206	03SB0950610	03SB0960206	03SB0960610	03SB0970206	03SB0970610	03SB0980206	03SB0980610	03SB0990206	03SB0990610
SAMPLE	03SB0950206	03SB0950610	03SB0960206	03SB0960610	03SB0970206	03SB0970610	03SS0980206	03SB0980610	03SB0990206	03SB0990610
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10
SAMPLE DATE	4/19/2004	4/19/2004	4/19/2004	4/19/2004	4/21/2004	4/21/2004	4/19/2004	4/19/2004	4/21/2004	4/21/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/kg)										
1,1,2-TRICHLOROETHANE		1.3 U		1.18 U		1.16 U		1.16 U		1.07 U
1,1-DICHLOROETHENE		1.3 U		1.18 U		1.16 U		1.16 U		1.07 U
2-BUTANONE		1.3 U		13		27 J		1.16 U		20 J
4-METHYL-2-PENTANONE		1.3 U		1.18 U		1.16 UJ		1.16 U		1.07 UJ
ACETONE		24 J		76 J		170 J		13 J		160 J
BENZENE		1.3 U		1.18 U		1.16 U		1.16 U		1.07 U
BROMOMETHANE		1.3 U		1.18 U		1.16 U		1.16 U		1.07 U
CARBON DISULFIDE		1.3 U		1.18 U		1.16 U		1.16 U		1.07 U
CHLOROFORM		1.3 U		1.18 U		1.16 U		1.16 U		1.07 U
CHLOROMETHANE		1.3 U		1.18 U		1.16 U		1.16 U		1.07 U
CIS-1,2-DICHLOROETHENE		1.3 U		1.18 U		1.16 U		1.16 U		1.07 U
ETHYLBENZENE		1.3 U		1.18 U		1.16 UJ		1.16 U		1.07 UJ
METHYL IODIDE		1.3 UJ		1.18 UJ		1.16 UR		1.16 UJ		1.07 UR
STYRENE		1.3 U		1.18 U		1.16 U		1.16 U		1.07 U
TOLUENE		1.3 U		1.18 U		1.16 U		1.16 U		1.07 U
TOTAL XYLENES		1.3 U		1.18 U		1.16 U		1.16 U		1.07 U
TRANS-1,2-DICHLOROETHENE		1.3 U		1.18 U		1.16 U		1.16 U		1.07 U
TRICHLOROETHENE		1.3 U		1.18 U		1.16 U		1.16 U		1.07 U
TRICHLOROFLUOROMETHANE		1.3 U		1.18 U		1.16 U		1.16 U		1.07 U
VINYL CHLORIDE		1.3 U		1.18 U		1.16 U		1.16 U		1.07 U
Energetics (mg/kg)										
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.38 J	0.25 U	0.25 U	0.25 U
RDX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Inorganics (mg/kg)										
ALUMINUM			5540 J	4870			6510 J	3880		
ANTIMONY			0.39 J	0.34 J			0.73 J	0.3 J		
ARSENIC			5.1 J	6 J			13.2 J	5.4 J		
BARIUM			59.4 J	65.3 J			74.3 J	72.5 J		
BERYLLIUM			0.74 J	0.86 U			1.5 J	0.53 U		
CADMIUM			0.2 U	0.25 U			0.33 J	0.26 U		
CALCIUM			758 J	424 J			731 J	374 J		
CHROMIUM			11.7 J	20.4 J			41.5 J	10.1 J		
COBALT			14.7 J	10.5 J			19.1 J	7.5 J		
COPPER			15.3 J	5.6 J			10.1 J	4.6 J		
IRON			20500 J	35400 J			70100 J	24700 J		
LEAD			11.2 J	15.4 J			19.8 J	8.6 J		
MAGNESIUM			534 J	396 J			502 J	347 J		
MANGANESE			846 J	635 J			1290 J	593 J		
MERCURY			0.034 J	0.015 U			0.03 J	0.021 U		
NICKEL			12.3 J	15.2 J			30.5 J	12.5 J		

Table
Summary of Chemicals Detected - Subsurface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB095	03SB095	03SB096	03SB096	03SB097	03SB097	03SB098	03SB098	03SB099	03SB099
NSAMPLE	03SB0950206	03SB0950610	03SB0960206	03SB0960610	03SB0970206	03SB0970610	03SB0980206	03SB0980610	03SB0990206	03SB0990610
SAMPLE	03SB0950206	03SB0950610	03SB0960206	03SB0960610	03SB0970206	03SB0970610	03SS0980206	03SB0980610	03SB0990206	03SB0990610
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10
SAMPLE DATE	4/19/2004	4/19/2004	4/19/2004	4/19/2004	4/21/2004	4/21/2004	4/19/2004	4/19/2004	4/21/2004	4/21/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
POTASSIUM			329 J	312 J			395 J	338 J		
SELENIUM			0.23 U	0.13 U			0.17 U	0.24 U		
SILVER			0.1 U	0.044 U			0.045 U	0.09 U		
SODIUM			19.7 U	16.4 U			17.6 U	26.6 U		
THALLIUM			0.11 U	0.08 U			0.1 U	0.13 U		
TIN			0.31 U	0.4 U			0.37 U	0.39 U		
VANADIUM			15.6 J	18.6 J			32.6 J	11.9 J		
ZINC			32.2 J	31.1 J			62.9 J	25 J		
Miscellaneous Parameter										
BULK DENSITY (G/CM3)										
CATION EXCHANGE CAPACITY (MEQ/1)										
PERCHLORATE (MG/KG)	0.044 U	0.045 UJ			0.047 U	0.044 U				
PERCHLORATE-8321 (UG/KG)	1.1 U									
PH (S.U.)										
POROSITY (%)										
SPECIFIC GRAVITY (S.U.)										
TOTAL ORGANIC CARBON (MG/KG)										

Summary of Chemicals Detected - Subsurface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB100	03SB100	03SB100	03SB101	03SB101	03SB101	03SB102	03SB102	03SB102	03SB103/TW05
NSAMPLE	03SB1000206	03SB1000610	03SB1001014	03SB1010206	03SB1010610	03SB1011014	03SB1020206	03SB1020610	03SB1021014	03SB1030206
SAMPLE	03SB1000206	03SB1000610	03SB1001014	03SB1010206	03SB1010610	03SB1011014	03SB1020206	03SB1020610	03SB1021014	03SB1030206
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10	10 - 14	2 - 6
SAMPLE DATE	4/20/2004	4/20/2004	4/20/2004	4/20/2004	4/20/2004	4/20/2004	4/20/2004	4/20/2004	4/20/2004	4/20/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/kg)										
1,1,2-TRICHLOROETHANE		1.16 U	1.15 U		2.05 U	1.32 U		0.975 U	3 J	
1,1-DICHLOROETHENE		1.16 U	1.15 U		2.05 U	1.32 U		2 J	1.27 U	
2-BUTANONE		17 J	1.15 U		2.05 U	6 J		0.975 UR	36 J	
4-METHYL-2-PENTANONE		1.16 UJ	1.15 U		2.05 U	1.32 U		2 J	10 J	
ACETONE		1.16 UR	1.15 UJ		37 J	31 J		42 BJ	7200 J	
BENZENE		2 J	1.15 U		2.05 U	5		0.975 U	1.27 U	
BROMOMETHANE		1.16 U	1.15 U		2.05 U	5		0.975 U	1.27 U	
CARBON DISULFIDE		2 J	1.15 U		2.05 U	3 J		0.975 U	1.27 U	
CHLOROFORM		1.16 U	1.15 U		2.05 U	1.32 U		0.975 U	1.27 U	
CHLOROMETHANE		1.16 U	1.15 U		2.05 U	1.32 U		0.975 U	1.27 U	
CIS-1,2-DICHLOROETHENE		7 J	18		2.05 U	5		1300 J	2000	
ETHYLBENZENE		8 J	1.15 U		2.05 U	1.32 U		38	15	
METHYL IODIDE		1.16 UR	1.15 UJ		2.05 UJ	1.32 UJ		0.975 UR	1.27 UR	
STYRENE		1.16 U	1.15 U		2.05 U	1.32 U		33	1.27 U	
TOLUENE		10 J	1.15 U		2.05 U	4 J		91	160	
TOTAL XYLENES		11 J	1.15 U		2.05 U	1.32 U		22	60	
TRANS-1,2-DICHLOROETHENE		1.16 U	2 J		2.05 U	1.32 U		8	14	
TRICHLOROETHENE		31 J	45		2.05 U	11		7	8600	
TRICHLOROFLUOROMETHANE		1.16 U	1.15 U		2.05 U	1.32 U		0.975 U	1.27 U	
VINYL CHLORIDE		7 J	2 J		2.05 U	20		11	2 J	
Energetics (mg/kg)										
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.25 U	1.5	0.29 J	0.25 U	0.56 J	0.25 U	0.25 U	0.61	0.25 U	0.25 U
RDX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Inorganics (mg/kg)										
ALUMINUM	10900	14000	10000 J	10500	11300 J	8980 J				3820
ANTIMONY	0.91 J	32.6 J	2.7 J	3 J	4.2 J	0.45 J				0.89 J
ARSENIC	5.2 J	20.1 J	9.8 J	5.9 J	8.1 J	9.3 J				2.7 J
BARIUM	152 J	595 J	285 J	116 J	249 J	65.1 J				31.5 J
BERYLLIUM	1.1	0.76	1.3 J	0.63	1 J	1.3 J				0.23 J
CADMIUM	0.46 J	3.5	0.99 J	0.72	0.84 U	0.19 U				0.78
CALCIUM	11600 J	86700 J	24100 J	11200 J	22500 J	3080 J				9270 J
CHROMIUM	14.9 J	65.3 J	17.6 J	14.5 J	18.2 J	13.8 J				7.8 J
COBALT	17.4	21.9	18.3 J	14.4	14.9 J	21.5 J				3.5
COPPER	51.8 J	508 J	54 J	52.1 J	95.1 J	18.2 J				19.1 J
IRON	26700 J	34400 J	30000 J	20000 J	21400 J	14800 J				13600 J
LEAD	36.2 J	524 J	43.8 J	37.2 J	89.2 J	23.9 J				18.8 J
MAGNESIUM	3530 J	8740 J	2280 J	2140 J	2840 J	2390 J				2570 J
MANGANESE	4750	7380	1800 J	1670	3790 J	89.7 J				203
MERCURY	0.036 J	0.084 J	0.18 J	0.043 J	0.051 J	0.007 UJ				0.027 J
NICKEL	34.5 J	45.2 J	38.9 J	17.3 J	33.1 J	34.5 J				5.7 J

Table
Summary of Chemicals Detected - Subsurface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB100	03SB100	03SB100	03SB101	03SB101	03SB101	03SB102	03SB102	03SB102	03SB103/TW05
NSAMPLE	03SB1000206	03SB1000610	03SB1001014	03SB1010206	03SB1010610	03SB1011014	03SB1020206	03SB1020610	03SB1021014	03SB1030206
SAMPLE	03SB1000206	03SB1000610	03SB1001014	03SB1010206	03SB1010610	03SB1011014	03SB1020206	03SB1020610	03SB1021014	03SB1030206
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10	10 - 14	2 - 6
SAMPLE DATE	4/20/2004	4/20/2004	4/20/2004	4/20/2004	4/20/2004	4/20/2004	4/20/2004	4/20/2004	4/20/2004	4/20/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
POTASSIUM	1760 J	1470 J	1510 J	1320 J	1550 J	1650 J				579 J
SELENIUM	0.4 J	0.28 J	0.2 U	0.44 J	0.3 J	0.14 U				0.14 U
SILVER	0.048 U	16.8	0.24 U	0.1 J	0.12 U	0.045 U				0.042 U
SODIUM	83.7 J	520 J	269 J	171 J	150 J	56 U				106 J
THALLIUM	0.09 J	0.09 J	0.07 U	0.12 J	0.09 U	0.08 U				0.05 U
TIN	0.96 U	41.5 J	1.8 U	1.2 U	3.4 U	0.98 U				1.5 J
VANADIUM	16.3 J	20 J	13.4 J	19.9 J	18.2 J	6.7 J				10.3 J
ZINC	284 J	1430 J	198 J	211 J	429 J	70.3 J				239 J
Miscellaneous Parameter										
BULK DENSITY (G/CM3)										
CATION EXCHANGE CAPACITY (MEQ/1)										
PERCHLORATE (MG/KG)				0.053 U	0.053 U	0.047 U				0.07 J
PERCHLORATE-8321 (UG/KG)										3
PH (S.U.)										
POROSITY (%)										
SPECIFIC GRAVITY (S.U.)										
TOTAL ORGANIC CARBON (MG/KG)										

Summary of Chemicals Detected - Subsurface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB103/TW05	03SB104	03SB104	03SB104	03SB105	03SB105	03SB105	03SB106	03SB106	03SB106
NSAMPLE	03SB1030610	03SB1040206	03SB1040610	03SB1041014	03SB1050206	03SB1050610	03SB1051012	03SB1060206	03SB1060610	03SB1061014
SAMPLE	03SB1030610	03SB1040206	03SB1040610	03SB1041014	03SB1050206	03SB1050610	03SB1051012	03SB1060206	03SB1060610	03SB1061014
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	6 - 10	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10	10 - 12	2 - 6	6 - 10	10 - 14
SAMPLE DATE	4/20/2004	4/21/2004	4/21/2004	4/21/2004	4/16/2004	4/16/2004	4/16/2004	4/17/2004	4/17/2004	4/17/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/kg)										
1,1,2-TRICHLOROETHANE	1.2 U		1.01 U	1.03 U		1.19 U	1.35 U		1.29 U	1.08 U
1,1-DICHLOROETHENE	7 J		1.01 U	1.03 U		1.19 U	1.35 U		1.29 U	1.08 U
2-BUTANONE	1.2 U		11 J	5 J		1.19 UR	1.35 UR		1.29 UR	1.08 UR
4-METHYL-2-PENTANONE	1.2 U		1.01 UJ	1.03 UJ		1.19 U	1.35 U		1.29 U	1.08 U
ACETONE	18		73 J	37 J		1.19 UJ	1.35 UR		1.29 UR	14 J
BENZENE	1.2 U		1.01 U	1.03 U		1.19 U	1.35 U		1.29 U	1.08 U
BROMOMETHANE	1.2 U		1.01 U	1.03 U		1.19 U	1.35 U		1.29 U	1.08 U
CARBON DISULFIDE	1.2 U		1.01 U	1.03 U		1.19 U	1.35 U		1.29 U	1.08 U
CHLOROFORM	1.2 U		1.01 U	1.03 U		2 J	1.35 U		1.29 U	1.08 U
CHLOROMETHANE	1.2 U		1.01 U	1.03 U		1.19 U	1.35 U		1.29 U	1.08 U
CIS-1,2-DICHLOROETHENE	3100 J		1.01 U	1.03 U		1.19 U	1.35 U		1.29 U	1.08 U
ETHYLBENZENE	1200 J		1.01 UJ	1.03 UJ		1.19 U	1.35 U		1.29 U	1.08 U
METHYL IODIDE	1.2 UJ		1.01 UR	1.03 UR		1.19 UJ	1.35 U		1.29 U	1.08 UJ
STYRENE	1.2 U		1.01 U	1.03 U		1.19 U	1.35 U		1.29 U	1.08 U
TOLUENE	16		1.01 U	1.03 U		1.19 U	1.35 U		1.29 U	1.08 U
TOTAL XYLENES	2000 J		1.01 U	1.03 U		1.19 U	1.35 U		1.29 U	1.08 U
TRANS-1,2-DICHLOROETHENE	4		1.01 U	1.03 U		1.19 U	1.35 U		1.29 U	1.08 U
TRICHLOROETHENE	330 J		1.01 U	1.03 U		1.19 U	1.35 U		1.29 U	1.08 U
TRICHLOROFLUOROMETHANE	1.2 U		1.01 U	1.03 U		1.19 U	1.35 U		1.29 U	1.08 U
VINYL CHLORIDE	11		1.01 U	1.03 U		1.19 U	1.35 U		1.29 U	1.08 U
Energetics (mg/kg)										
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.34 J
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.31 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Inorganics (mg/kg)										
ALUMINUM	13100 J				17500 J	24900 J	8840 J			
ANTIMONY	0.72 J				0.47 U	0.48 U	0.48 U			
ARSENIC	10.3 J				5.1 J	12 J	14.5 J			
BARIUM	79.1 J				153 J	92.3 J	48.5 J			
BERYLLIUM	1.2 J				1.1 J	1.2 J	1.9 J			
CADMIUM	0.43 U				0.27 U	0.44 J	0.86 J			
CALCIUM	3960 J				1010 J	6550 J	13800 J			
CHROMIUM	13.4 J				15.4 J	35.6 J	25.4 J			
COBALT	13.2 J				13.5 J	13.9 J	16.3 J			
COPPER	43.6 J				8.3 J	15 J	10.1 J			
IRON	19600 J				16700 J	65600 J	76800 J			
LEAD	22.2 J				15.6 J	30.7 J	24.2 J			
MAGNESIUM	1880 J				1230 J	1780 J	936 J			
MANGANESE	563 J				1020 J	388 J	2360 J			
MERCURY	0.027 J				0.045 U	0.089 J	0.036 U			
NICKEL	31.7 J				20.2 J	42.3 J	32.1 J			

Table
Summary of Chemicals Detected - Subsurface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB103/TW05	03SB104	03SB104	03SB104	03SB105	03SB105	03SB105	03SB106	03SB106	03SB106
NSAMPLE	03SB1030610	03SB1040206	03SB1040610	03SB1041014	03SB1050206	03SB1050610	03SB1051012	03SB1060206	03SB1060610	03SB1061014
SAMPLE	03SB1030610	03SB1040206	03SB1040610	03SB1041014	03SB1050206	03SB1050610	03SB1051012	03SB1060206	03SB1060610	03SB1061014
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	6 - 10	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10	10 - 12	2 - 6	6 - 10	10 - 14
SAMPLE DATE	4/20/2004	4/21/2004	4/21/2004	4/21/2004	4/16/2004	4/16/2004	4/16/2004	4/17/2004	4/17/2004	4/17/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
POTASSIUM	2340 J				1400 J	3260 J	870 J			
SELENIUM	0.13 U				0.33 U	0.16 U	0.28 U			
SILVER	0.05 U				0.06 U	0.13 U	0.08 U			
SODIUM	419 J				56.8 J	78.7 J	32.1 U			
THALLIUM	0.09 U				0.26 U	0.27 U	0.13 U			
TIN	1.3 U				0.72 U	0.93 U	0.55 U			
VANADIUM	7 J				23.5 J	36 J	35.7 J			
ZINC	36.6 J				46.1 J	94.7 J	246 J			
Miscellaneous Parameter										
BULK DENSITY (G/CM3)										
CATION EXCHANGE CAPACITY (MEQ/1)										
PERCHLORATE (MG/KG)	0.052 U				0.4	0.051 U	0.049 U			
PERCHLORATE-8321 (UG/KG)					1.2 U					
PH (S.U.)										
POROSITY (%)										
SPECIFIC GRAVITY (S.U.)										
TOTAL ORGANIC CARBON (MG/KG)										

Summary of Chemicals Detected - Subsurface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB107	03SB107	03SB107	03SB108	03SB108	03SB108	03SB109	03SB109	03SB109	03SB110
NSAMPLE	03SB1070206	03SB1070610	03SB1071014	03SB1080206	03SB1080610	03SB1081014	03SB1090206	03SB1090610	03SB1091014	03SB1100206
SAMPLE	03SB1070206	03SB1070610	03SB1071014	03SB1080206	03SB1080610	03SB1081014	03SB1090206	03SB1090610	03SB1091014	03SB1100206
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10	10 - 14	2 - 6
SAMPLE DATE	4/22/2004	4/22/2004	4/22/2004	4/22/2004	4/22/2004	4/22/2004	4/22/2004	4/22/2004	4/22/2004	4/17/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/kg)										
1,1,2-TRICHLOROETHANE		1.03 U	1.21 U		1.23 U	0.938 U		1.06 U	1.23 U	
1,1-DICHLOROETHENE		1.03 U	1.21 U		1.23 U	0.938 U		1.06 U	1.23 U	
2-BUTANONE		5 J	1.21 UR		1.23 UR	0.938 UR		6 J	1.23 UR	
4-METHYL-2-PENTANONE		1.03 UJ	1.21 U		1.23 UJ	0.938 UJ		1.06 UJ	1.23 UJ	
ACETONE		29 U	14 U		42 J	34 J		40 J	41 J	
BENZENE		1.03 U	1.21 U		1.23 U	0.938 U		1.06 U	1.23 U	
BROMOMETHANE		1.03 U	1.21 U		1.23 U	0.938 U		1.06 U	1.23 U	
CARBON DISULFIDE		1.03 U	1.21 U		2 J	0.938 U		8	7	
CHLOROFORM		1.03 U	1.21 U		1.23 U	0.938 U		1.06 U	1.23 U	
CHLOROMETHANE		1.03 U	1.21 UJ		1.23 U	0.938 U		1.06 U	1.23 U	
CIS-1,2-DICHLOROETHENE		1.03 U	1.21 U		1.23 U	0.938 U		1.06 U	1.23 U	
ETHYLBENZENE		1.03 UJ	1.21 U		1.23 UJ	0.938 U		1.06 U	1.23 U	
METHYL IODIDE		1.03 UR	1.21 UR		1.23 UR	0.938 UR		1.06 UR	1.23 UR	
STYRENE		1.03 U	1.21 U		1.23 U	0.938 U		1.06 U	1.23 U	
TOLUENE		1.03 U	1.21 U		1.23 U	0.938 U		1.06 U	1.23 U	
TOTAL XYLENES		1.03 U	1.21 U		1.23 U	0.938 U		1.06 U	1.23 U	
TRANS-1,2-DICHLOROETHENE		1.03 U	1.21 U		1.23 U	0.938 U		1.06 U	1.23 U	
TRICHLOROETHENE		1.03 U	1.21 U		1.23 U	0.938 U		1.06 U	1.23 U	
TRICHLOROFLUOROMETHANE		1.03 U	1.21 U		1.23 U	0.938 U		1.06 U	1.23 U	
VINYL CHLORIDE		1.03 U	1.21 U		1.23 U	0.938 U		1.06 U	1.23 U	
Energetics (mg/kg)										
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Inorganics (mg/kg)										
ALUMINUM				5640 J	7050 J	5770 J				6880 J
ANTIMONY				0.37 U	0.45 U	0.43 U				0.22 U
ARSENIC				6.9 J	10.6 J	7.8 J				6 J
BARIUM				70.3 J	116 J	87.6 J				60.8 J
BERYLLIUM				0.84 J	1.5 J	1 J				0.59 J
CADMIUM				0.3 U	0.43 U	0.37 U				0.2 U
CALCIUM				3190 J	720 J	1030 J				1030 J
CHROMIUM				11.1 J	23.7 J	17 J				10.4 J
COBALT				10.7 J	18.5 J	12.7 J				15.9 J
COPPER				9.6 J	10.6 J	7.4 J				8.5 J
IRON				17600 J	50200 J	33900 J				17000 J
LEAD				17.9 J	23.6 J	20.1 J				11.6 J
MAGNESIUM				1090 J	592 J	802 J				968 J
MANGANESE				257 J	1200 J	613 J				748 J
MERCURY				0.033 J	0.053 J	0.028 J				0.037 U
NICKEL				17.6 J	21.7 J	18.5 J				13.7 J

Table
Summary of Chemicals Detected - Subsurface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB107	03SB107	03SB107	03SB108	03SB108	03SB108	03SB109	03SB109	03SB109	03SB110
NSAMPLE	03SB1070206	03SB1070610	03SB1071014	03SB1080206	03SB1080610	03SB1081014	03SB1090206	03SB1090610	03SB1091014	03SB1100206
SAMPLE	03SB1070206	03SB1070610	03SB1071014	03SB1080206	03SB1080610	03SB1081014	03SB1090206	03SB1090610	03SB1091014	03SB1100206
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10	10 - 14	2 - 6
SAMPLE DATE	4/22/2004	4/22/2004	4/22/2004	4/22/2004	4/22/2004	4/22/2004	4/22/2004	4/22/2004	4/22/2004	4/17/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
POTASSIUM				809 J	489 J	825 J				560 J
SELENIUM				0.29 U	0.31 U	0.12 U				0.28 U
SILVER				0.11 U	0.05 U	0.044 U				0.051 UJ
SODIUM				36.4 U	25.1 U	25 U				40.9 U
THALLIUM				0.18 U	0.12 U	0.11 U				0.11 U
TIN				0.72 U	0.59 J	0.44 J				0.38 U
VANADIUM				12.9 J	25.3 J	18.9 J				18.4 J
ZINC				33.4 J	50.2 J	34.7 J				34.9 J
Miscellaneous Parameter										
BULK DENSITY (G/CM3)										
CATION EXCHANGE CAPACITY (MEQ/1)										
PERCHLORATE (MG/KG)	0.2	0.045 U	0.048 U							
PERCHLORATE-8321 (UG/KG)	1.2 U									
PH (S.U.)										
POROSITY (%)										
SPECIFIC GRAVITY (S.U.)										
TOTAL ORGANIC CARBON (MG/KG)										

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB110	03SB110	03SB111	03SB111	03SB112	03SB112	03SB113	03SB114	03SB114	03SB115
NSAMPLE	03SB1100610	03SB1101014	03SB1110206	03SB1110610	03SB1120206	03SB1120610	03SB1130206	03SB1140206	03SB1140610	03SB1150206
SAMPLE	03SB1100610	03SB1101014	03SB1110206	03SB1110610	03SB1120206	03SB1120610	03SB1130206	03SB1140206	03SB1140610	03SB1150206
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	6 - 10	10 - 14	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	2 - 6	6 - 10	2 - 6
SAMPLE DATE	4/17/2004	4/17/2004	4/17/2004	4/17/2004	4/23/2004	4/23/2004	4/23/2004	4/18/2004	4/18/2004	4/21/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/kg)										
1,1,2-TRICHLOROETHANE	1.14 U	1.05 U		1.02 U		1.42 U			1.39 U	
1,1-DICHLOROETHENE	1.14 U	1.05 U		1.02 U		1.42 U			1.39 U	
2-BUTANONE	6 J	1.05 UR		10 J		1.42 U			1.39 U	
4-METHYL-2-PENTANONE	1.14 U	1.05 U		1.02 U		1.42 U			1.39 U	
ACETONE	50 J	8 J		41 J		1.42 UJ			1.39 UJ	
BENZENE	1.14 U	1.05 U		1.02 U		1.42 U			1.39 U	
BROMOMETHANE	1.14 U	1.05 U		1.02 U		1.42 UJ			1.39 U	
CARBON DISULFIDE	1.14 U	1.05 U		1.02 U		1.42 U			1.39 U	
CHLOROFORM	1.14 U	1.05 U		1.02 U		1.42 U			1.39 U	
CHLOROMETHANE	1.14 U	1.05 U		1.02 U		1.42 U			1.39 U	
CIS-1,2-DICHLOROETHENE	34	1.05 U		1.02 U		21			1.39 U	
ETHYLBENZENE	1.14 U	1.05 U		1.02 U		1.42 U			1.39 U	
METHYL IODIDE	1.14 U	1.05 UJ		1.02 UJ		1.42 UJ			1.39 UJ	
STYRENE	1.14 U	1.05 U		1.02 U		1.42 U			1.39 U	
TOLUENE	1.14 U	1.05 U		1.02 U		1.42 U			1.39 U	
TOTAL XYLENES	1.14 U	1.05 U		1.02 U		1.42 U			1.39 U	
TRANS-1,2-DICHLOROETHENE	3 J	1.05 U		1.02 U		1.42 U			1.39 U	
TRICHLOROETHENE	1.14 U	1.05 U		1.02 U		570			1.39 U	
TRICHLOROFLUOROMETHANE	1.14 U	1.05 U		1.02 U		1.42 U			1.39 U	
VINYL CHLORIDE	1.14 U	1.05 U		1.02 U		1.42 U			1.39 U	
Energetics (mg/kg)										
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
RDX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Inorganics (mg/kg)										
ALUMINUM	8200 J	6720 J			10600 J	10400		5010 J	4970	
ANTIMONY	0.54 J	0.42 J			0.64 U	0.22 U		0.27 J	0.58 J	
ARSENIC	10.9 J	6.8 J			9.1 J	4.1 J		7.1 J	8.1 J	
BARIUM	118 J	86.4 J			127 J	130 J		68.8 J	55.4 J	
BERYLLIUM	1.6 J	1.1 J			1 J	1 J		0.72 J	1.2 J	
CADMIUM	0.43 U	0.21 U			0.59 J	0.34 U		0.21 U	0.18 U	
CALCIUM	1400 J	2330 J			6140 J	2790		127 J	439 J	
CHROMIUM	36 J	23.4 J			14.2 J	13.6 J		11.5 J	23.2 J	
COBALT	23.4 J	27.4 J			9.4 J	10.3 J		21.7 J	12.6 J	
COPPER	15.5 J	10.9 J			16.2 J	9.7 J		9.6 J	13.5 J	
IRON	69800 J	49700 J			42200 J	33300 J		20000 J	48600 J	
LEAD	24.3 J	23.9 J			19.4 J	16.1 J		15.8 J	17.6 J	
MAGNESIUM	594 J	850 J			1400 J	2310 J		341 J	359 J	
MANGANESE	1360 J	646 J			933 J	257 J		1210 J	618 J	
MERCURY	0.026 U	0.017 U			0.061 J	0.008 J		0.025 J	0.035 U	
NICKEL	34.3 J	32 J			24.8 J	30.4 J		14.6 J	21.7 J	

Table
Summary of Chemicals Detected - Subsurface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB110	03SB110	03SB111	03SB111	03SB112	03SB112	03SB113	03SB114	03SB114	03SB115
NSAMPLE	03SB1100610	03SB1101014	03SB1110206	03SB1110610	03SB1120206	03SB1120610	03SB1130206	03SB1140206	03SB1140610	03SB1150206
SAMPLE	03SB1100610	03SB1101014	03SB1110206	03SB1110610	03SB1120206	03SB1120610	03SB1130206	03SB1140206	03SB1140610	03SB1150206
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	6 - 10	10 - 14	2 - 6	6 - 10	2 - 6	6 - 10	2 - 6	2 - 6	6 - 10	2 - 6
SAMPLE DATE	4/17/2004	4/17/2004	4/17/2004	4/17/2004	4/23/2004	4/23/2004	4/23/2004	4/18/2004	4/18/2004	4/21/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
POTASSIUM	2300 J	1120 J			1080 J	2220 J		429 J	498 J	
SELENIUM	0.19 U	0.06 U			0.38 U	0.15 U		0.08 U	0.07 U	
SILVER	0.16 U	0.042 U			0.05 U	0.045 U		0.047 U	0.044 U	
SODIUM	272 J	213 J			90.7 J	72 J		47.7 J	28.1 U	
THALLIUM	0.24 U	0.09 U			0.15 U	0.12 U		0.14 U	0.08 U	
TIN	0.44 U	0.45 U			0.67 U	0.61 J		0.34 U	0.43 U	
VANADIUM	30.9 J	39.5 J			16.4 J	7.6 J		14.5 J	21.1 J	
ZINC	62 J	65.4 J			62.7 J	54.4 J		27.3 J	50.6 J	
Miscellaneous Parameter										
BULK DENSITY (G/CM3)										
CATION EXCHANGE CAPACITY (MEQ/1)										
PERCHLORATE (MG/KG)			0.048 U	0.047 UJ			0.047 U			
PERCHLORATE-8321 (UG/KG)										
PH (S.U.)										
POROSITY (%)										
SPECIFIC GRAVITY (S.U.)										
TOTAL ORGANIC CARBON (MG/KG)										

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB115	03SB116	03SB116	03SB117	03SB117	03SB117	03SB117	03SB118	03SB118	03SB118
NSAMPLE	03SB1150610	03SB1160206	03SB1160610	03SB1170206	03SB1170610	03SB1170610-D	03SB1171014	03SB1180206	03SB1180206-D	03SB1180610
SAMPLE	03SB1150610	03SB1160206	03SB1160610	03SB1170206	03SB1170610	FD04210402	03SB1171014	03SB1180206	FD04190401	03SB1180610
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	DUP	NORMAL	NORMAL	DUP	NORMAL
DEPTH RANGE	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	6 - 10	10 - 14	2 - 6	2 - 6	6 - 10
SAMPLE DATE	4/21/2004	4/21/2004	4/21/2004	4/21/2004	4/21/2004	4/21/2004	4/21/2004	4/19/2004	4/19/2004	4/19/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/kg)										
1,1,2-TRICHLOROETHANE	1.83 U		0.949 U		1.21 U		1.15 U			1.07 U
1,1-DICHLOROETHENE	1.83 U		0.949 U		1.21 U		1.15 U			1.07 U
2-BUTANONE	1.83 UR		0.949 UR		1.21 UR		1.15 UR			4 J
4-METHYL-2-PENTANONE	1.83 U		0.949 U		1.21 U		1.15 U			1.07 U
ACETONE	17 J		28 J		11 J		4 J			45 J
BENZENE	1.83 U		0.949 U		1.21 U		1.15 U			1.07 U
BROMOMETHANE	1.83 U		0.949 U		1.21 U		1.15 U			1.07 U
CARBON DISULFIDE	1.83 U		0.949 U		1.21 U		1.15 U			1.07 U
CHLOROFORM	1.83 U		0.949 U		1.21 U		1.15 U			1.07 U
CHLOROMETHANE	1.83 U		0.949 U		1.21 U		1.15 UJ			1.07 U
CIS-1,2-DICHLOROETHENE	1.83 U		0.949 U		1.21 U		1.15 U			1.07 U
ETHYLBENZENE	1.83 U		0.949 U		1.21 U		1.15 U			1.07 U
METHYL IODIDE	1.83 UR		0.949 UR		1.21 UR		1.15 UR			1.07 UJ
STYRENE	1.83 U		0.949 U		1.21 U		1.15 U			1.07 U
TOLUENE	1.83 U		0.949 U		1.21 U		1.15 U			1.07 U
TOTAL XYLENES	1.83 U		0.949 U		1.21 U		1.15 U			1.07 U
TRANS-1,2-DICHLOROETHENE	1.83 U		0.949 U		1.21 U		1.15 U			1.07 U
TRICHLOROETHENE	1.83 U		0.949 U		1.21 U		1.15 U			1.07 U
TRICHLOROFLUOROMETHANE	1.83 U		0.949 U		1.21 U		1.15 U			1.07 U
VINYL CHLORIDE	1.83 U		0.949 U		1.21 U		1.15 U			1.07 U
Energetics (mg/kg)										
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U		0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U		0.25 U
2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U		0.25 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U		0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U		0.25 U
HMX	0.25 U	0.25 U	0.61	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U		0.25 U
RDX	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U		0.25 U
Inorganics (mg/kg)										
ALUMINUM		7280	7120					4670 J	7120 J	5310
ANTIMONY		0.61 J	1.9 J					0.5 J	0.49 J	0.72 J
ARSENIC		6.9 J	10.2 J					8.4 J	10.7 J	10.6 J
BARIUM		75.1 J	312 J					220 J	205 J	101 J
BERYLLIUM		0.9	0.99					0.85 J	0.95 J	1.3 J
CADMIUM		0.43 J	1.6					0.35 J	0.38 J	0.29 U
CALCIUM		1360 J	9860 J					1360 J	1520 J	804 J
CHROMIUM		19.1 J	26 J					16.6 J	16 J	40.1 J
COBALT		21.2	21.6					16.2 J	20.9 J	21.3 J
COPPER		6.4 J	171 J					15.4 J	15.7 J	9 J
IRON		27500 J	44800 J					26800 J	35300 J	56900 J
LEAD		17.8 J	57.3 J					17.6 J	21.8 J	22 J
MAGNESIUM		873 J	1110 J					658 J	9430 J	517 J
MANGANESE		1550 J	1240 J					682 J	1200 J	1530 J
MERCURY		0.04 J	0.088 J					0.04 U	0.061 J	0.029 U
NICKEL		15.1 J	19.5 J					13.9 J	14.6 J	25.3 J

Table
Summary of Chemicals Detected - Subsurface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB115	03SB116	03SB116	03SB117	03SB117	03SB117	03SB117	03SB118	03SB118	03SB118
NSAMPLE	03SB1150610	03SB1160206	03SB1160610	03SB1170206	03SB1170610	03SB1170610-D	03SB1171014	03SB1180206	03SB1180206-D	03SB1180610
SAMPLE	03SB1150610	03SB1160206	03SB1160610	03SB1170206	03SB1170610	FD04210402	03SB1171014	03SB1180206	FD04190401	03SB1180610
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	DUP	NORMAL	NORMAL	DUP	NORMAL
DEPTH RANGE	6 - 10	2 - 6	6 - 10	2 - 6	6 - 10	6 - 10	10 - 14	2 - 6	2 - 6	6 - 10
SAMPLE DATE	4/21/2004	4/21/2004	4/21/2004	4/21/2004	4/21/2004	4/21/2004	4/21/2004	4/19/2004	4/19/2004	4/19/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
POTASSIUM		613 J	768 J					446 J	477 J	404 J
SELENIUM		0.43 J	0.3 J					0.31 U	0.47 J	0.17 U
SILVER		0.05 J	0.56					0.11 U	0.08 U	0.042 U
SODIUM		62.7 J	62.3 J					31.5 U	39.9 U	32.7 U
THALLIUM		0.12 J	0.11 J					0.08 U	0.15 U	0.1 U
TIN		0.36 J	3.1 J					0.6 U	2.8 J	0.45 U
VANADIUM		23.5 J	27.4 J					21.3 J	23.3 J	29.1 J
ZINC		37.7 J	403 J					60.7 J	67.2 J	42.8 J
Miscellaneous Parameter										
BULK DENSITY (G/CM3)										
CATION EXCHANGE CAPACITY (MEQ/1)		11	10							
PERCHLORATE (MG/KG)				0.047 U	0.049 U		0.048 U			
PERCHLORATE-8321 (UG/KG)				1.2 U						
PH (S.U.)		7.7	8							
POROSITY (%)										
SPECIFIC GRAVITY (S.U.)										
TOTAL ORGANIC CARBON (MG/KG)		6200	3700							

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB118	03SB119	03SB119	03SB119	03SB120	03SB120	03SB120	03SB121	03SB121	03SB121
NSAMPLE	03SB1181014	03SB1190206	03SB1190610	03SB1191014	03SB1200206	03SB1200610	03SB1201014	03SB1210206	03SB1210610	03SB1211014
SAMPLE	03SB1181014	03SB1190206	03SB1190610	03SB1191014	03SB1200206	03SB1200610	03SB1201014	03SB1210206	03SB1210610	03SB1211014
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	10 - 14	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10	10 - 14
SAMPLE DATE	4/19/2004	4/21/2004	4/21/2004	4/21/2004	4/21/2004	4/21/2004	4/21/2004	4/21/2004	4/21/2004	4/21/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/kg)										
1,1,2-TRICHLOROETHANE	1.01 U		0.994 U	1.04 U		1.04 U	1.33 U		1.09 U	1.05 U
1,1-DICHLOROETHENE	1.01 U		0.994 U	1.04 U		1.04 U	1.33 U		1.09 U	1.05 U
2-BUTANONE	8 J		8 J	1.04 UR		6 J	11 J		1.09 UR	1.05 UR
4-METHYL-2-PENTANONE	1.01 U		0.994 U	1.04 UJ		1.04 U	1.33 UJ		1.09 U	1.05 U
ACETONE	61 J		58 J	50 J		37 J	63 J		33 J	19 J
BENZENE	1.01 U		0.994 U	2 J		1.04 U	2 J		1.09 U	1.05 U
BROMOMETHANE	2 J		0.994 U	8		1.04 U	1.33 U		1.09 U	1.05 U
CARBON DISULFIDE	1.01 U		0.994 U	1.04 U		1.04 U	4 J		1.09 U	1.05 U
CHLOROFORM	1.01 U		0.994 U	1.04 U		1.04 U	1.33 U		1.09 U	1.05 U
CHLOROMETHANE	1.01 U		0.994 U	4		1.04 U	1.33 U		1.09 U	1.05 U
CIS-1,2-DICHLOROETHENE	1.01 U		0.994 U	1.04 U		6	6		1.09 U	1.05 U
ETHYLBENZENE	1.01 U		0.994 U	1.04 UJ		1.04 U	1.33 UJ		1.09 U	1.05 U
METHYL IODIDE	1.01 UJ		0.994 UR	15 J		1.04 UR	1.33 UR		1.09 UR	1.05 UR
STYRENE	1.01 U		0.994 U	1.04 U		1.04 U	1.33 U		1.09 U	1.05 U
TOLUENE	1.01 U		0.994 U	3 J		1.04 U	3 J		1.09 U	1.05 U
TOTAL XYLENES	1.01 U		0.994 U	2 J		1.04 U	1.33 U		1.09 U	1.05 U
TRANS-1,2-DICHLOROETHENE	1.01 U		0.994 U	1.04 U		1.04 U	1.33 U		1.09 U	1.05 U
TRICHLOROETHENE	1.01 U		0.994 U	3 J		9	6		1.09 U	1.05 U
TRICHLOROFLUOROMETHANE	1.01 U		0.994 U	1.04 U		1.04 U	1.33 U		1.09 U	1.05 U
VINYL CHLORIDE	1.01 U		0.994 U	1.04 U		1.04 U	1.33 U		1.09 U	1.05 U
Energetics (mg/kg)										
1,3,5-TRINITROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-TRINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	3.7	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-AMINO-4,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-AMINO-2,6-DINITROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.25 U	2.8	0.36 J	16	6.7	0.72	1.9	0.27 J	0.25 U	0.25 U
RDX	0.25 U	1.6	0.25 U	1.4	2.1	0.25 U	0.32 J	0.25 U	0.25 U	0.25 U
Inorganics (mg/kg)										
ALUMINUM	5820				8360	6370	7970	8980 J	6540	7460
ANTIMONY	0.48 J				0.63 J	0.44 U	0.4 U	0.34 U	0.49 U	4.7 J
ARSENIC	6.2 J				17.1 J	13.3 J	8.8 J	5.3	6.4 J	15.1 J
BARIUM	92.8 J				344 J	98 J	89 J	148 J	81.6 J	62.4 J
BERYLLIUM	0.95 J				0.72	1.5	0.93	0.82	1.3	1.4
CADMIUM	0.26 U				0.51	0.51	0.6	0.38 J	0.46 J	1.1
CALCIUM	868 J				4430 J	1300 J	12900 J	7830 J	1520 J	27500 J
CHROMIUM	19.9 J				13.7 J	32 J	26.9 J	16.1 J	18.7 J	38.6 J
COBALT	13.8 J				12.8	23.1	16.7	14.7	17.4	15.2
COPPER	7.6 J				11.2 J	12 J	14.6 J	15.3 J	8.1 J	10.8 J
IRON	30900 J				24800 J	58100 J	42500 J	27400 J	39100 J	86000 J
LEAD	15.7 J				19.1 J	21.6 J	17.7 J	12.9 J	16.5 J	24.8 J
MAGNESIUM	701 J				1080 J	567 J	1080 J	1120 J	602 J	1070 J
MANGANESE	1390 J				413 J	1670 J	692 J	982 J	910 J	714 J
MERCURY	0.036 U				0.062 J	0.031 J	0.037 J	0.031 J	0.035 J	0.025 J
NICKEL	17.5 J				18.3 J	33.9 J	23.4 J	21.4 J	25.4 J	31.5 J

Table
Summary of Chemicals Detected - Subsurface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03	03	03	03	03	03	03
LOCATION	03SB118	03SB119	03SB119	03SB119	03SB120	03SB120	03SB120	03SB121	03SB121	03SB121
NSAMPLE	03SB1181014	03SB1190206	03SB1190610	03SB1191014	03SB1200206	03SB1200610	03SB1201014	03SB1210206	03SB1210610	03SB1211014
SAMPLE	03SB1181014	03SB1190206	03SB1190610	03SB1191014	03SB1200206	03SB1200610	03SB1201014	03SB1210206	03SB1210610	03SB1211014
SUBMATRIX	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	10 - 14	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10	10 - 14	2 - 6	6 - 10	10 - 14
SAMPLE DATE	4/19/2004	4/21/2004	4/21/2004	4/21/2004	4/21/2004	4/21/2004	4/21/2004	4/21/2004	4/21/2004	4/21/2004
VALIDATED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
POTASSIUM	499 J				759 J	533 J	638 J	593 J	514 J	423 J
SELENIUM	0.14 U				0.37 J	0.3 J	0.18 U	0.25 J	0.38 J	0.08 U
SILVER	0.046 U				0.046 U	0.042 U	0.046 U	0.043 U	0.046 U	0.046 U
SODIUM	29.6 U				144 J	22.7 U	46.4 J	68 J	38.6 U	35.7 U
THALLIUM	0.11 U				0.11 J	0.09 J	0.09 J	0.11 J	0.08 J	0.05 U
TIN	3 J				0.87 J	0.29 J	0.4 J	0.85 J	0.36 J	58.6 J
VANADIUM	19.2 J				19.1 J	31.8 J	27.2 J	20.4 J	22.1 J	32.7 J
ZINC	36 J				50.6 J	55.5 J	61.4 J	44 J	39.7 J	52.2 J
Miscellaneous Parameter										
BULK DENSITY (G/CM3)										
CATION EXCHANGE CAPACITY (MEQ/1)										
PERCHLORATE (MG/KG)					0.046 U	0.045 U	0.2			
PERCHLORATE-8321 (UG/KG)							1.2 U			
PH (S.U.)										
POROSITY (%)										
SPECIFIC GRAVITY (S.U.)										
TOTAL ORGANIC CARBON (MG/KG)										

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03
LOCATION	03SB077	03SB087	03SB099	03SB105
NSAMPLE	03ST0770608	03ST0870608	03ST0990204	03ST1050506
SAMPLE	03ST0770608	03ST0870608	03ST0990204	03ST1050506
SUBMATRIX	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	6 - 8	6 - 8	2 - 4	5 - 6
SAMPLE DATE	4/24/2004	4/24/2004	4/24/2004	4/24/2004
VALIDATED	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB
Volatile Organics (ug/kg)				
1,1,2-TRICHLOROETHANE				
1,1-DICHLOROETHENE				
2-BUTANONE				
4-METHYL-2-PENTANONE				
ACETONE				
BENZENE				
BROMOMETHANE				
CARBON DISULFIDE				
CHLOROFORM				
CHLOROMETHANE				
CIS-1,2-DICHLOROETHENE				
ETHYLBENZENE				
METHYL IODIDE				
STYRENE				
TOLUENE				
TOTAL XYLENES				
TRANS-1,2-DICHLOROETHENE				
TRICHLOROETHENE				
TRICHLOROFLUOROMETHANE				
VINYL CHLORIDE				
Energetics (mg/kg)				
1,3,5-TRINITROBENZENE				
2,4,6-TRINITROTOLUENE				
2,6-DINITROTOLUENE				
2-AMINO-4,6-DINITROTOLUENE				
4-AMINO-2,6-DINITROTOLUENE				
HMX				
RDX				
Inorganics (mg/kg)				
ALUMINUM				
ANTIMONY				
ARSENIC				
BARIUM				
BERYLLIUM				
CADMIUM				
CALCIUM				
CHROMIUM				
COBALT				
COPPER				
IRON				
LEAD				
MAGNESIUM				
MANGANESE				
MERCURY				
NICKEL				

Table
Summary of Chemicals Detected - Subsurface Soil
April 2004
SWMU 3 - ABG/Jeep Trail

SITE	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL	ABG/JEEP TRAIL
SWMU	03	03	03	03
LOCATION	03SB077	03SB087	03SB099	03SB105
NSAMPLE	03ST0770608	03ST0870608	03ST0990204	03ST1050506
SAMPLE	03ST0770608	03ST0870608	03ST0990204	03ST1050506
SUBMATRIX	SB	SB	SB	SB
SACODE	NORMAL	NORMAL	NORMAL	NORMAL
DEPTH RANGE	6 - 8	6 - 8	2 - 4	5 - 6
SAMPLE DATE	4/24/2004	4/24/2004	4/24/2004	4/24/2004
VALIDATED	Y	Y	Y	Y
COLLECTION METHOD	GRAB	GRAB	GRAB	GRAB
POTASSIUM				
SELENIUM				
SILVER				
SODIUM				
THALLIUM				
TIN				
VANADIUM				
ZINC				
Miscellaneous Parameter				
BULK DENSITY (G/CM3)	1.57	1.74	1.81	1.64
CATION EXCHANGE CAPACITY (MEQ/1)				
PERCHLORATE (MG/KG)				
PERCHLORATE-8321 (UG/KG)				
PH (S.U.)				
POROSITY (%)	40.1	34.6	31.9	37.8
SPECIFIC GRAVITY (S.U.)	2.63	2.65	2.66	2.63
TOTAL ORGANIC CARBON (MG/KG)				

APPENDIX B

APRIL 2004 MONITORING EVENT
PHOTOGRAPHS AND SURVEYED SAMPLE LOCATIONS

PHOTOGRAPHS

SURVEYED LOCATIONS

SWMU 3 SURVEY LOCATIONS				
Ammunition Burning Ground				
Location	Northing	Easting	Ground Surface Elevation (Feet)	Found Stake (Yes or No)
03SB049	1308180.81	3049015.15	553.94	Yes
03SB050	1308112.57	3049003.76	549.74	Yes
03SB051	1308098.32	3049071.92	553.82	Yes
03SB052	1308144.94	3049045.76	553.51	Yes
03SB053	1310316.00	3045889.91	623.43	Yes
03SB054	1310165.32	3046212.47	640.20	Yes
03SB055	-----	-----	ELIMINATED	
03SB056	1310164.68	3046282.00	640.24	Yes
03SB057	1310307.72	3046308.45	605.75	Yes
03SB058	1310188.08	3046327.39	641.91	Yes
03SB059	1310183.98	3046368.04	642.72	Yes
03SB060	1310344.73	3046352.73	606.04	Yes
03SB061	1310296.52	3046398.31	602.39	Yes
03SB062	-----	-----	ELIMINATED	
03SB063	1310373.56	3046465.43	604.20	Yes
03SB064	1310262.65	3046510.66	601.45	Yes
03SB065	1310344.62	3046546.08	602.14	Yes
03SB066	1310428.50	3046312.62	606.28	Yes
03SB067	1310451.86	3046350.71	605.31	Yes
03SB068	1310424.84	3046385.81	604.81	Yes
03SB069	1310837.71	3046409.86	608.91	Yes
03SB070	1310811.69	3046431.31	606.01	Yes
03SB071	1310868.02	3046428.22	605.09	Yes
03SB072	1310844.87	3046458.97	603.82	Yes
03SB073	1310819.16	3046476.66	603.09	Yes
03SB074	1310874.00	3046473.03	603.30	Yes
03SB075	1310851.92	3046518.68	601.02	Yes
03SB076	1310746.90	3046775.54	606.09	Yes
03SB077	1310916.55	3046684.40	616.52	Yes
03SB078	1310887.75	3046775.06	615.46	Yes
03SB079	1310306.27	3046656.68	599.87	Yes
03SB080	1310348.85	3046696.25	598.66	Yes
03SB081	1310249.93	3046745.35	595.90	Yes
03SB082	1310341.68	3046808.95	596.79	Yes
03SB083	1310294.97	3046813.99	595.24	Yes
03SB084	1310241.49	3046818.26	593.56	Yes
03SB085	1310320.23	3046903.32	596.38	Yes
03SB086	1310249.87	3046898.68	596.39	Yes
03SB087	1310293.76	3047011.71	592.54	Yes
03SB088	1310163.76	3046772.23	591.76	Yes
03SB089	1310087.62	3046775.42	598.31	Yes
03SB090	1310025.00	3046804.78	603.43	Yes
03SB091	1309949.99	3047259.33	608.89	Yes
03SB092	1310051.92	3047295.51	585.19	Yes
03SB093	1309943.82	3047387.68	607.28	Yes
03SB094	1310119.79	3047358.56	582.51	Yes

SWMU 3 SURVEY LOCATIONS				
Ammunition Burning Ground				
Location	Northing	Easting	Ground Surface Elevation (Feet)	Found Stake (Yes or No)
03SB095	1310068.78	3047394.42	582.19	Yes
03SB096	1310030.64	3047438.14	583.55	Yes
03SB097	1310143.38	3047418.49	583.13	Yes
03SB098	1310082.83	3047484.12	580.40	Yes
03SB099	1310175.99	3047548.81	580.80	Yes
03SB100	1310488.88	3047245.35	627.19	Yes
03SB101	1310460.18	3047313.54	626.33	Yes
03SB102	1310520.31	3047257.83	629.92	Yes
03SB103	1310497.47	3047307.83	629.07	Yes
03SB104	1310234.31	3047723.89	586.73	Yes
03SB105	1310316.88	3046110.73	611.62	Yes
03SB106	1310461.18	3046465.42	603.60	Yes
03SB107	1310635.77	3046543.55	600.20	Yes
03SB108	1310511.54	3046682.51	597.71	Yes
03SB109	1310473.73	3046860.63	594.84	Yes
03SB110	1310355.44	3046606.00	600.61	Yes
03SB111	1310198.50	3046564.31	609.24	Yes
03SB112	1310426.27	3047240.94	611.92	Yes
03SB113	1310152.81	3046833.20	589.84	Yes
03SB114	1310173.11	3046868.34	594.78	Yes
03SB115	1310050.03	3046896.40	610.86	Yes
03SB116	1310161.30	3046998.53	592.30	Yes
03SB117	1310022.05	3047058.37	604.50	Yes
03SB118	1310056.08	3047207.54	587.61	Yes
03SB119	1310311.84	3047027.15	592.65	Yes
03SB120	1310283.78	3047047.27	591.91	Yes
03SB121	1310258.09	3047066.43	591.68	Yes

APPENDIX C

APRIL 2004 MONITORING EVENT

BORING LOGS AND RELATED MATERIALS

BORING LOGS

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB049
DATE: 4/23/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sample BZ*	Borehole**	Drill BZ**
S-1 @ 1430	0		2/2		M STIFF	BRN	SANDY CLAY - SOME ROCK FRAGS	SC	MOIST	0			
	2			2'						0			
					M DENSE	BRN	SILTY F/SAND - SOME ROCK FRAG - TR ROOTS TR CLAY	SM	MOIST	0			
S-2 @ 1440			4/4							0			
										0			
	6			7'						0			
					V DENSE	RED TAN	SILTY SAND AND SANDSTONE FRAGS.	SM	MOIST	0			
S-3 @ 1445			3/4			BRN				0			
										0			
	10									0			
S-4 @ 1500					V DENSE	BRN	SANDY CLAY TO	SC		0			
			3.5/4			TO				0			
						YELLOW BRN	CLAYEY SAND	SC	MOIST	0			
	14			14'			TO SANDSTONE FRAGMENTS			0			
				BOTM						0			
							REF @ 14'						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB050
DATE: 4/22/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (FL) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/FL) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @ 15/15	0		2/2		LOOSE	BRN	SILTY VF SAND - TR ROOTS TR CLAY	SM	MOIST	0			
	2			2'						0			
					SOFT	BRN	CLAYEY SANDY SANDY CLAY	SC	MOIST	0			
S-2 @ 15/25			4/4							0			
				5'		MOTTLED				0			
	6				M STIFF	GRAY BRN	SILTY CLAY	CL	MOIST → WET	0			
				7'						0			
S-3 @ 15/35			3.5/4		SOFT	GRAY	SANDY SILT - SOME CLAY - TR ROOTS ORGANICS	SM CL	MOIST → WET	0			
				9'						0			
	10				M DENSE	TAN BRN	SAND - TR ROCK FRAGS		TR SANDSTONE	0			
				10.5'			TR CLAY						
S-4 @ 15/45			3.5/4		DENSE	TAN YELLOW BRN	SAND AND SANDSTONE FRAGS	SM	MOIST	0			
										0			
	13.5			13.5'				VBR		0			
				BOTM			REF @ 13.5						
									PLACED 3/4" Φ PIEZ (PVC) FROM 0 - 13.5 5' SCREEN				
									H2O AT 11' BGS AT 1600 HRS.				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB051
DATE: 4-23-04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @ 1230	0		2/2		M DENSE	ORANG BRN	SUR GRAVEL (ROAD) SILTY SAND-TR ROCK FRAG		MOIST	0			
	2						TR GRAVEL.			0			
										0			
S-2 @ 1250			4/4							0			
				4.5'									
					SOFT	BRN	CLAYEY SILT-TR	ML	MOIST (NAT)	0			
	6			5.5'		RED	ROOTS			0			
					DENSE	ORANG BRN	SILTY SAND AND SANDSTONE FRAGS	SM	MOIST				
S-3 @ 1305			4/4							0			
										0			
							≈9'-6" SILTY SAND-TR CLAY LENS		MOIST	0			
	10									0			
				10.5'									
				BOTM			REF @ 10.5± DEC SANDSTONE IN SHOE (RED BRN)						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB052
DATE: 4/23/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @ 1325	0		2/2		M STIFF	YELLOW BRN	SANDY CLAY - SOME ROCK FRAGS	SC	MOIST	0			
	2			2.0'						0			
					M DENSE	BRN	SILTY VF SAND/		(NAT)	0			
S-2 @ 1345			3/4				SANDY SILT - TR CLAY ROOTS - ROCK		TOOK DUP 02 METALS	0			
				6'			FRAG - TR GRAVEL		TOOK MS/MSD METALS	0			
	6				V DENSE	RED ORANGE BRN	SILTY SAND AND	SM	MOIST	0			
							SANSTONE - TR CLAY			0			
S-3 @ 1400			4/4							0			
										0			
	10									0			
S-4				11.0'				SM	MOIST	0			
@ 1415			3/3.5		V DENSE	YELLOW BRN	SAND AND	SM		0			
							WEATHERED SANDSTONE	↓ WR		0			
	13.5			13.5'						0			
				BOTM			REF @ 13.5						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ' No ✓ Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB053
DATE: 4/16/04
GEOLOGIST: CONTI
DRILLER: JOSH

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ
S-1 @ 0920	0		2/2		M DENSE	YELLOW BR	CLAYEY SILT - TR ROOTS - TR ROCK FRAGS	ML	MOIST TOOK [03SS053 0002]	0			
	2									0			
S-2 @ 0930			2.5/2.5		M DENSE	ORANG BRN	SILTY SAND - TR ROCK FRAGS	SM	MOIST	0			
										0			
	4.5			4.5									
				BOTM			REFUSAL @ 4.5 SHOE HAD PC OF SANDSTONE - WEATHERED						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: NA

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB054
DATE: 4/22/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole	Driller BZ**
S-1 @ 0840	0		1/2		M DENSE	BRN	CLAYEY SAND- SOME ROCK FRAGS	SC	MOIST	0			
	2									0			
S-2 @ 0850			1/1	3' BOTTM	V DENSE	TAN BRN	SAND AND SANDSTONE FRAGS. REF @ 3'		TOOK VOAS - BASED ON 0.6 PPM PID	.6			

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 035B056
DATE: 4/22/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ**	Borehole**	Driller BZ**
S-1 @ 0905	0		2/2	1.0'	M STIFF	BRN	SILTY CLAY-TR ROOTS	CL	FC OF GEOTEXTILE FABRIC MOIST	0			
	2			2.0'	M SOFT	GRAY	TO CLAYEY SHALE		MOIST	0			
				BOTM			REF @ 2'		SANDSTONE				
									IN SHOE AT 2'.				
									ABRUPT REFUSAL AT 2'.				
									CAN SEE THE SS IN OUTCROP				
									CULVERT NEAR BORING. 1' ϕ CMP				
									0-1 TR OF DARK MATL. POSSIBLY LIGNITE				
									(NATURAL) OR POSSIBLE BURNT MATL.				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: D35B057
DATE: 4/16/04
GEOLOGIST: CONTI
DRILLER: JOSH DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Drill BZ**
S-1 @ 1300	0		2/2		M STIFF	BRN	SILTY/SANDY CLAY	ML	MOIST	0			
	2						TR. ROOTS	/CL		0			
										0			
S-2 @ 1310			3/3.5		M STIFF	BRN	SILTY CLAY - TR TO	CL	MOIST	0			
							SOME ROCK FR. TR. SAND	/ML		0			
	5.5			5.5						0			
				BOTM									
							REFUSAL AT 5.5						
							ROCK - SANDSTONE						
							FRAG - BOTM OF SHOE.						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB058
DATE: 4/22/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole	Driller BZ
S-1 e	0		2/2		M DENSE	BRN	CLAYEY SAND - TR ROOTS AND ROCK FRAGS	SC	MOIST	0			
0920	2			2'						0			
					M STIFF	BRN	SANDY/SILTY CLAY TR ROCK FRAGS	SC CL	MOIST	0			
S-2 e			4/4						(COLLUVIUM)	0			
0925									MATL ON SLOPE OF BEDROCK	0			
	6									0			
				6.5'					MOIST	0			
S-3 e			4/4		V DENSE	YELLOW BRN	SILTY SAND		MOIST	0			
0930							AND WEATHERED SANDSTONE		TOOK DUP FD04220401 AND MS/MSD	0			
	10			10'		TAN				0			
			15/15		M SOFT	GRAY BRN	SANDY SHALE			0			
S-4 e	11.5			11.5'									
0950				BOTM			REF @ 11.5						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB059
DATE: 4/22/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (FL) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/FL) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @ 1000	0		2/2		M DENSE	BRN	CLAYEY SAND-SOME ROCK FRAGS.	SC	MOIST TOOK DUP 02 PERCHLORATE	0			
	2						TO			0			
			2/2.5				SILTY SAND -TR CLAY	SM	MOIST	0			
S-2 @				4.0'	V	TAN				0			
10,10	4.5			4.5'	DENSE	BRN	SANDSTONE			0			
				BOTM									
							REF. AT 4.5'						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB060
DATE: 4-16-04
GEOLOGIST: CONTI
DRILLER: JOSH DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample*	Sampler BZ	Borehole**	Driller BZ
S-1 C	0		2/2		STIFF	BRN	SILTY SANDY CLAY-	ML	MOIST	0			
1325	2						TR ROCK FRAGS	CL		0			
			2/4		M STIFF	BRN	SANDY CLAY	SC	MOIST	0			
S-2 C							TR ROCK FRAGS			0			
1335										0			
	6.0						SANDY CLAY-TR	CL	MOIST	0			
					M STIFF	BR	SAND TO	ML		0			
S-3 C			4/4		TO	TO				0			
1345				9'	STIFF					0			
	10.0					GRAY	WEATHERED SHALE FRAG		MOIST → WET	0			
									MOIST	0			
S-4 C			4/4							0			
1400										0			
	14.0			14.0'						0			
				BOTM									
							REF @ 14'		PLACED TEMP				
									PVC 3/4" Φ				
									TO ≈ 14'				
									5' SCREEN				
									FOR TAKING				
									WATER SAMPLE.				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB061
DATE: 4/22/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @ 1030	0		1/2		LOOSE	GRAY TO BRN	ROAD GRAVEL FILL TR SAND	GP	MOIST	0			
	2							SM		0			
				3'	M SOFT					18			
S-2 @ 1045			4/4		M SOFT	GRAY	WEATHERED SHALE		MOIST VOAS → ± 3-4'	39			
										21			
S-3 @ 1100	6									20			
	7			7'						0			
				BOTM			REFUSAL @ 7'						
									TOP WEATH SHALE @ 3' ±				
									REF @ 7'				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB063
DATE: 4-17-04
GEOLOGIST: CONTI
DRILLER: CAMERON MASON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample**	Sample BZ	Borehole**	Driller BZ
S-1	0		2/2		LOOSE	YELLOW BRN	SURF GRAVEL SILTY SAND-TR	SM	MOIST	0			
@ 0855	2			2'±			ROCK FRAGS			0			
					STIFF	YELLOW BRN	SILTY CLAY-TR	CL	MOIST	0			
S-2			4/4				ROCK FR.	ML		0			
@ 0900				6'						0			
	6				M DENSE	GRAY	SILTY CLAY	CL		0			
						TO	TO			0			
S-3			4/4							0			
@ 05						RED BRN	SILTY SAND	SM		0			
	10			8±			SOME ROCK FRAGS		WET @ 10'±	0			
										0			
S-4			3.7/4	12.0'						0			
@ 15					M SOFT	GRAY	WEATHERED SHALE			0			
	14									0			
				14' BOTM			LAST 1' VERY						
							STIFF / REFUSAL		PLACED 3/4" Φ PVC PIEZ.				
									TO 14'± SCREEN 9→14				
									≈ 1' STICK UP				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB064
DATE: 4-17-04
GEOLOGIST: CONTI
DRILLER: C. MASON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sample BZ	Borehole**	Driller BZ**
S-1 @ 1315	0		2/2	1.0'	M. STIFF	BRN	SANDY CLAY – TR ROOTS	CL	MOIST	0			
	2				M SOFT	GRAY	WEATHERED SHALE		MOIST	0			
S-2 @ 1330			2.5/2.5							0			
	4.5			4.5' BOTM						0			
							REF @ 4.5±			0			
									TOOK MS/MSD 0002. EXPL /TAL MET.				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB065
DATE: 4-17-04
GEOLOGIST: CONTI
DRILLER: C. MASON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @ 1000	0		2/2		M STIFF	BRN	SURF GRAVEL SANDY CLAY -TR ROCK	SC	MOIST	0			
	2					YELLOW	/CLAYEY SAND			0			
					M STIFF	BRN	TO SANDY CLAY	SC	MOIST	0			
S-2 @			4/4							0			
1010				6'±						0			
	6						TO	SC	MOIST	0			
							CLAYEY SAND & 6' SOME ROCK FRAGS.			0			
S-3 @			3/4	8'					TOOK DUP 0610	0			
1020						GRAY BRN	SOME SILTY CLAY-ROCK	CL		0			
	10						FRAG	ML	MOIST	0			
										0			
S-4 @			35/4	12'						0			
1035					M SOFT	BRN GRAY	WEATHERED SHALE		MOIST	0			
	14			14'						0			
				BOTM			REF @ 14'- VERY						
							STIFF/HARD WEATH SHALE.						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB066
DATE: 4/16/04
GEOLOGIST: CONTI
DRILLER: JOSH DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ**	Borehole**	Driller BZ**
S-1 @ 1420	0		2/2		M STIFF	BRN	SANDY CLAY-TR ROCK FRAGS	SC	MOIST	0			
	2									0			
					M STIFF	BRN	SANDY CLAY	SC	MOIST	0			
S-2 @ 1425			4/4							0			
						YELLOW				0			
	6				STIFF	BRN	SILTY CLAY-TR ROCK FRAGS	CL/ML	MOTTLED RESIDUAL SOIL MOIST	0			
						ORANG				0			
S-3 @ 1435			4/4			BRN	SILTY/SANDY CLAY TR ROCK FRAGS	CL SC	MOIST	0			
	10.0									0			
				11.0'						0			
S-4 @ 1445			3/3.5		M HARD	GRAY	WEATHERED SHALE	VBR		0			
	13.5			13.5'						0			
							13.5' REF						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB067
DATE: 4/16/04
GEOLOGIST: CONTI
DRILLER: JOSH DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole*	Driller BZ**
S-1 @ 1500	0		2/2		M STIFF	BRN	SUR GRAVEL SANDY CLAY/	SC	MOIST	0			
	2						CLAYEY SAND			0			
				3'±						0			
S-2 @ 1510			4/4		STIFF	MOTTLED GRAY BRN	SILTY CLAY - TR SAND	SC/CL	MOIST	0			
										0			
	6.0				STIFF					0			
										0			
S-3 @ 1520			4/4				SAME AS ABOVE	CL/SC	MOIST	0			
										0			
	10.0			10.0'						0			
S-4 1530			1.5/1.5		M SOFT	GRAY	WEATHERED SHALE	VBR	MOIST	0			
	11.5			11.5' BOTM						0			
							REF @ 11.5						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB068
DATE: 4-16-04
GEOLOGIST: CONTI
DRILLER: JOSH DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency (or Rock Hardness)	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @	0		3/2		STIFF	BRN	SURF GRAVEL CLAYEY SAND - ROCK	SC	MOIST	0			
1545	2					TO	FRAG			0			
										0			
S-2 @			4/4			ORANG BRN	CLAYEY SAND	SC	MOIST	0			
1550							SOME ROCK FRAG			0			
	6				STIFF					0			
										0			
S-3 @			4/4							0			
1600				9.0' ±						0			
	10.0					BRN	SANDY CLAY	SC	MOIST	0			
S-4				11.0'			TR ROCK FRAG			0			
@ 1610			3/3	||E||	M SOFT	GRAY	WEATHERED SHALE	VBR	MOIST	0			
	13.0			13'						0			
				BOTM									
							REF @ 13'						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB069
DATE: 4-19-04
GEOLOGIST: CONTI
DRILLER: J. DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sample BZ	Borehole**	Driller BZ**
S-1 @	0		2/2		SOFT	BRN	SILTY CLAY-TR	CL	MOIST	0			
1450	2						ROOTS			0			
									MOIST	0			
S-2 @			4/4	5'±					TOOK DUP 02 FD041904 02	0			
1500				11E11E	M SOFT	GRAY	WEATHERED	VBR		0			
	6						SHALE		MOIST	0			
S-3 @ 1510			3/3							0			
	9			9.0'						0			
				BOTM			REF @ 9'						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 0358070
DATE: 4-19-04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 e 1415	0		2/2		STIFF	GRAY BRN	4" TOPSOIL SILTY CLAY - TR ROOTS - TR ROCK FRAGS	CL	MOIST (MOTTLED)	0			
	2									0			
										0			
S-2 e 1425			4/4	4.0'						0			
					M STIFF	YELLOW BRN	SANDY CLAY - TR ROCK FRAGS	SC	MOIST	0			
	6			6.0'		MOTTLED				0			
					STIFF	YELLOW BRN	SILTY CLAY - TR SAND	CL	MOIST	0			
S-3 e 1430			4/4				TR ROCK FRAG			0			
										0			
S-4 e 1435	10		1/1.5	11.0'						0			
	11.5			11.5 BOTM	M SOFT	GRAY	WEATHERED SHALE REF @ 11.5	VBR	MOIST				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB071
DATE: 4-19-04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ
S-1 @ 1520	0		2/2		SOFT		6" TOPSOIL CLAYEY SILT	ML	MOIST	0			
	2				M STIFF	BRN GRAY	TO SILTY CLAY	CL		0			
			3/3		STIFF	TO YELLOW GRAY BRN	SILTY CLAY - TR ROCK FRAGS			0			
S-2 @ 1530	5			5'						0			
				BOTM			REF @ 5'		NO SIGN OF SHALE - MORE				
							MOVED TWICE - HIT		SAND AT REFUSAL BUT NOTHING				
							REF @ 1' AND 2' DECIDE TO MOVE		IN SHOE.				
							TO NEXT HOLE SEVERAL PCS OF ROCK IN AREA.						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB072
DATE: 4-19-04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @ 1625	0		2/2		M STIFF	YELLOW BRN	SILTY/SANDY CLAY	CL	MOIST	0			
	2			2'			TR ROOTS TR ROCK			0			
S-2 @ 1630			4/4		M STIFF	GRAY BRN	FRAGS SILTY CLAY	CL	MOIST	0			
										0			
						TO BRN				0			
	6			6'		GRAY				0			
S-3 @ 1635			4/4		M SOFT	GRAY	WEATHERED SHALE	VBR	MOIST	0			
										0			
										0			
	10			10'						0			
				BOTM			REF @ 10'±						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB073
DATE: 4-19-04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 e	0		2/2		MSTIFF		8" GRAVEL		DRY MOIST	0			
BAD	2					GRAY BRN	CLAYEY SILT-TR			0			
				3'			ROCK FRAG TR SAND		MOIST	0			
S-2 e			3/4		SOFT	GRAY	SANDY CLAY			0			
1350				6'		MOTTLED				0			
	6				STIFF	GRAY YELLOW BRN	SANDY CLAY-TR	SC	MOIST	0			
							ROCK FRAGS			0			
S-3 e			4/4							0			
1400										0			
	10						SAME AS ABOVE	SC	MOIST	0			
S-4 e										0			
1410			2/3	12'						0			
	13			13'	M SOFT	GRAY	WEATHERED SHALE	VBR		0			
				BOTM			REF @ 13'						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB074
DATE: 4/22/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Drill BZ**
S-1 @ 1300	0		2/2		M STIFF	BRN	SANDY CLAY -TR	SC	MOIST	0			
	2						ROOTS-TR ROCK FRAGS		COULD BE PC OF BRICK ? @ 1'. (RED)	0			
										0			
S-2 @ 1305			1/4		SOFT	BRN	SANDY CLAY-TR	SC	MOIST	0			
							TO SOME ROCK FRAGS		POOR REC.	0			
	6			6'	SOFT		TR ROOTS		[FILL TO 6' ?]	0			
						GRAY BRN	SAME AS ABOVE	SC	MOIST → WET	0			
S-3 @ 1315			2/2							0			
										0			
	10				SOFT		SAME	SC		0			
S-4 @ 1320										0			
			3/4						VERY SOFT 2-6 POOR REC	0			
				13'					ON 2 ATTEMPTS TRIED A 3rd.	0			
	14			14'	M SOFT	GRAY	WEATHERED SHALE	VBR	COULD IND. MORE FILL ?	0			
				BOTM									
							REF @ 14'						
									TOP WEATH SHALE @ 13 DPT REF @ 14'				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB075
DATE: 4/22/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ
S-1 e	0		2/2		M DENSE	GRAY BRN	TOP 6" TOPSOIL (SILT) CLAYEY SAND - SOME	SC	MOIST	0			
1335	2						ROCK FRAGS TR. ASH - TR ROOTS		DO MS/MSD EXPL.	0			
							SAME TR BRICKS		MOIST	0			
S-2 e			3.5/4	4'			TR ASH			0			
1340				5'	SOFT	GRAY	CLAYEY SILT (ROOTS)	ML	MOIST - (NAT) ?	0			
	6				M DENSE	TAN BRN	SILTY SAND AND	SM		0			
							SANDSTONE FRAGS			0			
S-3 e			3.5/4	7.5'						0			
1345					M SOFT TO	GRAY	WEATHERED SHALE	VDR	MOIST.	0			
	9.5			9.5'	M HARD					0			
				BOTM									
							REF @ 9.5						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB076
DATE: 4/20/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sample BZ	Borehole**	Driller BZ**
S-1 @ 1050	0		2/2		M DENSE	YELLOW BRN	SILTY SAND - TR CLAY	SM	MOIST	0			
	2			2'						0			
S-2 @ 1100			4/4		M DENSE		CLAYEY SAND TR ROCK FRAGS	SM SC	MOIST	0			
										0			
	6									0			
										0			
S-3 @ 1105			4/4	8'						0			
					M STIFF	GRAY	SILTY CLAY - TR ROCK	CL		0			
	10						SILTY CLAYEY SHALE @ 10'±			0			
S-4 @ 1115			4/4	11' WEW	M SOFT	GRAY	WEATHERED SHALE	VBR	(CLAYEY)	0			
										0			
	14									0			
				14' BOTM			REFC 14						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB077
DATE: 4-20/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 e	0		2/2		SOFT	BRN	SANDY CLAY-TR	SC	MOIST → WET	0			
0950	2						ROCK/GRAVEL FRAGS			0			
					TO	OLIVE BRN				0			
S-2 e			2/4	4.0'		MOTTLED				0			
0955					M STIFF	GRAY BRN	SILTY/SANDY CLAY	SC CL	MOIST → WET	0			
	6			6.0'			TR ROCK FRAGS			0			
		ST-02		7.0'	SOFT	GRAY MOTLD				0			
S-3 e	8		4/4	8.0'	M. STIFF	GRAY BRN	SILTY CLAY- TR SAND & ROCK		MOIST	0			
1000				11ELIE	M SOFT	GRAY	WEATHERED SHALE	VBR	MOIST	0			
	10			10'						0			
				BOTM			REF @ 10'±						
									4-24-04 SHELBY TUBE				
									ATTEMPT @ 6-8				
									PUSH 6-8 1.8/2.0 REC				
					ST-02 = [03ST0770608]				ON 4/24/04 ≈ 1000				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB078
DATE: 4-20-04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @ 0910	0		2/2	1.0'	M STIFF	GRAY BRN	ROAD GRAVEL CLAYEY SILT - TR TO ROCK FRAGS	ML	MOIST	0			
	2						SILTY CLAY	CL	MOIST	0			
										0			
S-2 @			3.8/4	4.0'						0			
0915				11FIIE	M SOFT	GRAY	WEATHERED SHALE	VBR	MOIST	0			
	6									0			
S-3 @			2/2							0			
0930	8			8.0'						0			
				BOTM			REF @ 8'						
									TOOK BOTH MSD/MS				
									AND DUP AT 2-6				
									DUP FD04200401 (ALL ANALYTICAL)				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB079
DATE: 4-17-04
GEOLOGIST: CONTI
DRILLER: C. MASON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @	0		2/2		M STIFF	YELLOW BRN	SUR GRAVEL SANDY CLAY-ROCK FRAGS (FILL?)	SC/CL	MOIST	0			
1430	2			2'					NEAR CULVERT	0			
					LOOSE	BRN	CLAYEY SAND-SOME ROCK FRAGS (FILL)	SM		0			
S-2 @			4/4						TOOK DUP HERE	0			
1440									FD04170402	0			
	6				LOOSE	BRN			MOIST	0			
										0			
S-3 @			3/4							0			
1450										0			
	10			10'±			?(FILL)		NOT SURE IF FILL TO 10'	0			
S-4 @			2/2		STIFF	BRN	SANDY CLAY / CLAYEY SAND SOME ROCK FRAGS	SC	MOIST	0			
1505	12			12'						0			
				BOTM			REF @ 12'						
									NO BEDROCK OBSERVED IN SHOE-BUT REFUSAL @ 12'				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB080
DATE: 4-17-04
GEOLOGIST: CONTI
DRILLER: C MASON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @	0		2/2		M STIFF	YELLOW BRN	SANDY CLAY	SC	MOIST	0			
1525	2									0			
										0			
S-2 @			2.5/4		M STIFF	GRAY BRN	CLAYEY SAND-SANDY		MOIST	0			
1535							CLAY ROOTS- ROCK FR	SC/CL		0			
	6			6'			? (FILL)			0			
					M STIFF	RED BRN	CLAYEY SAND	SC	MOIST	0			
S-3 @			4/4				SOME ROCK FRAGS			0			
1545										0			
	10									0			
S-4 @			2/2.5		M STIFF	BRN	SANDY CLAY/ CLAYEY SAND	CL/SC	MOIST	0			
1550							SOME ROCK FRAGS			0			
	12.5			12.5'			@ BOTM						
				BOTM									
							REF @ 12.5						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB081
DATE: 4-17-04
GEOLOGIST: CONTI
DRILLER: C. MASON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample**	Sampler BZ**	Borehole**	Driller BZ**
S-1 @	0		2/2		M STIFF	BRN	SUR. GRAVEL SANDY CLAY AND ROCK FRAGS	SC	MOIST	0			
1610	2									0			
										0			
S-2 @			2/4		STIFF TO	GRAY BRN	SILTY CLAY – TR ROCK FRAGS (FILL ?)	CL	MOIST	0			
1620				5'±	V STIFF					0			
	6				STIFF	BRN	CLAYEY SANDY SILT TR ROCK FRAGS TO	ML/CL	MOIST	0			
S-3 @ 1630			3/3						TOOK DUP [FD04170403] 6-9 ALSO TOOK MS/MSD HERE	0			
	9			9' BOTM			SILTY SAND REF @ 9'	SM		0			
							NO SIGN OF BEDROCK IN SHOE						
							JUST REFUSAL –		MATERIAL IS SANDY AT BOTM				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 0358082
DATE: 4/18/04
GEOLOGIST: CONTI
DRILLER: C. MASON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @ 0820	0		2/2		M STIFF	BRN	SANDY CLAY - TR. ASH - TR ROCK FRAG.	SC	MOIST	0			
	2									0			
S-2 @ 0835			4/4		STIFF	BRN	SANDY CLAY - TR ROCK FRAG - TR ASH ? (FILL)	SC / SM	MOIST / LOOKS LIKE FILL	0			
										0			
	6				M STIFF		CLAYEY SAND MIX	SC	MOIST	0			
S-3 @ 0945			4/4		/ LOOSE		TR ASH TO ≈ 7→8'			0			
							SANDY CLAY - SOME ROCK FRAGS (FILL)	SC		0			
	10									0			
				11'	LOOSE		SILTY SAND - TR ASH	SC	MOIST	0			
S-4 @ 0855			3/3		↓		SAND AND SANDSTONE FRAGS			0			
	13			13' BOTM	MED DENSE					0			
							REF @ 13'						
									1RST SET UP HIT REF @ 2' - MOVED 5' SE - OK - WAS ABLE TO GET THRU.				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB083
DATE: 4-18-04
GEOLOGIST: CONTI
DRILLER: C MASON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @	0		2/2		M STIFF	BRN	SURF ASPHALT / GRAV. SANDY CLAY-TR	SC	MOIST	0			
0910	2						ROCK FRAGS ? (FILL)			0			
				2'						0			
S-2 @			3/4		LOOSE		F/M SAND	SW	MOIST	0			
0935							TO			0			
	6			6'			TR CLAY-TR ROCK FRAG (FILL)	?		0			
					LOOSE	BRN	CLAYEY SAND	SC	MOIST	0			
S-3 @			4/4	8'				SM		0			
0935					DENSE	BRN	SAND AND SAND-STONE FRAGS		MOIST	0			
	10			10'						0			
				BOTM			REF @ 10'						
									TOOK BOTH A DUP FD 04180401 AND MS/MSD AT 0610 DEPTH. (SEE COC)				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB084
DATE: 4/18/04
GEOLOGIST: CONTI
DRILLER: C MASON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ*	Borehole**	Driller BZ*
S-1 @ 0955	0		2/2		LOOSE	YELLOW GRAY	SURF ASPHALT/GRAVEL CLAYEY SILTY SAND	SM	MOIST	0			
	2					BRN	? (FILL)			0			
					M STIFF	BRN GRAY	SILTY CLAY TR ROCK FR.	CL	MOIST	0			
S-2 @ 1000			4/4	4'			TO			0			
					LOOSE TO	ORANGE BRN	SAND -TR CLAY	SM	MOIST	0			
	6			6'	M DENSE					0			
S-3 @ 1010			2/2.5	7'	STIFF	BRN	SANDY CLAY TR ASH	SC	MOIST (FILL)	0			
					M HARD	RED BRN	SANDSTONE FRAGS		MOIST	0			
	8.5			8.5' BOTM									
							REF @ 8.5						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 035B085
DATE: 4-18-04
GEOLOGIST: CONTI
DRILLER: C. MASON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ**	Borehole**	Driller BZ**
S-1 @ 1455	0		2/2		STIFF TO V. STIFF	BRN	ROAD GRAVEL/ASPHALT SILTY CLAY - TR ROCK FRAGS	CL	MOIST TOOK DUP SEE BELOW.	0			
	2									0			
					M STIFF	GRAY BRN	SILTY/SANDY CLAY	CL	MOIST	0			
S-2 @ 1500			4/4					ML		0			
										0			
	6				SOFT TO	BRN	SILTY CLAY	CL	MOIST	0			
S-3 @ 1510			3.5/4		M STIFF		ROCK FRAG/ GRAVEL LAYER ≈ 7' TO 7.5 (? FILL)			0			
										0			
				9'±						0			
	10						SILTY SAND - SOME ROCK FRAGS	SM	MOIST	0			
				11.0'			SILTY CLAY (? FILL)			0			
S-4 @ 1520			4/4			MOTTLED RED BRN GRAY	DEC. SANDSTONE AND SAND		MOIST → WET @ 12'	0			
	13			13.0'					TOOK DUP FD04180403 @ 0-2'	0			
				BOTM			REF @ 13'						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB086
DATE: 4/8/04
GEOLOGIST: CONTI
DRILLER: C MASON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sample BZ	Borehole**	Driller BZ**
S-1 @ 1420	0		2/2	1.0'	M STIFF	BRN	ROAD GRAVEL SANDY CLAY ≈ 6"	SC	MOIST	0			
	2			2.0'	LOOSE	TO GRAY	OF ASH AT 1'±			0			
					M STIFF	YELLOW BRN	SILTY CLAY - TR	CL	MOIST	0			
S-2 @ 1430			4/4				SAND AND ROCK FRAGS -			0			
							(FILL) ?			0			
	6									0			
S-3 @ 1435			4/4	8'+	LOOSE	GRAY	SAND - ROAD GRAVEL ?	SP	MOIST	0			
				9'			? (FILL)			0			
	10			10'	LOOSE	BRN	SANDY SILT - TR	SM	MOIST → WET	0			
					M STIFF	GRAY BRN	CLAY (WET SILTY SANDY CLAY	CL		0			
S-4 @ 1445			3.5/4						MOIST → WET 11-12	0			
				13'						0			
	14			14'	HARD	RED BRN	SILTY SAND - SOME			0			
				BOTM			SANDSTONE FRAG REF @ 14'						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB087
DATE: 4-18-04
GEOLOGIST: CONTI
DRILLER: C. MASON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 e	0		2/2		V STIFF	RED BRN	ROAD GRAVEL ≈ 1' SILTY CLAY - TR ROCK	SC	MOIST	0			
1530	2						FRAGS	CL		0			
S-2 e			4/4		V STIFF	GRAY BRN	SILTY CLAY - TR	CL	MOIST	0			
1540							ROCK FRAGS ? (FILL)			0			
							TO ? 6'±			0			
	6			6'	STIFF	BRN	SILTY CLAY - TR	CL	MOIST	0			
		ST-03					SAND AND ROCK FRAG	/SC		0			
S-3 e			2/4	8'±					MOIST → WET	0			
1600						RED BRN	SILTY SAND - SOME SANDSTONE	SM		0			
	10									0			
				11'						0			
S-4 e			3.5/4	12'	M STIFF	GRAY	CLAYEY SAND	SC	MOIST	0			
1610	13.			13'	M HARD	RED BR	SANDSTONE FRAGS			0			
				BOTM			REF @ 13'						
									TOOK MS/MSD				
									10-13				
									MOVE TO THIS BORING ON				
				ST-03 =					4/24/04 TO TAKE SHELBY				
				03ST087060			PUSH ST 6-8 1.75/2.0 REC		TUBE. WILL ATTEMPT				
									6 TO 8 ST-03 @ 1110				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB088
DATE: 4/18/04
GEOLOGIST: CONTI
DRILLER: C MASON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole	Driller BZ**
S-1 C 1050	0		2/2		M STIFF	DK BRN	SANDY CLAY-TR	SC	MOIST	0			
	2						ROOTS AND ROCK FRAGS			0			
S-2 C 1100					SOFT	BRN	SANDY/SILTY CLAY	SC	MOIST → WET	0			
			4/4			GRAY		CL		0			
										0			
	6			6' BOTM						0			
							REF @ 6' NO SIGN OF ROCK IN SHOE - ABRUPT STOP OF TOOLS AT 6'.		TOOK DUP FD04180402 (2-6)				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB089
DATE: 4-18-04
GEOLOGIST: CONTI
DRILLER: C MASON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @	0		2/2		M STIFF	MOTTLD GRAY BRN	6" TOPSOIL SANDY CLAY	CL/SC	MOIST	0			
1115	2			2'			TR WEATH SHALE @ 2'			0			
				1112 1111	SOFT	GRAY	WEATHERED SHALE	VBR		0			
S-2 @			4/4							0			
1125										0			
	6			6'						0			
				BOTM			SHALE @ 2'						
							2-6 SHALE						
							REFUSAL @ 6'±						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB090
DATE: 4/18/04
GEOLOGIST: CONTI
DRILLER: C MASON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification *	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @ 1315	0		2/2		SOFT	GRAY BRN	SILTY CLAY - TR ROOTS	CL	MOIST	0			
	2									0			
							TR ROCK	CL	MOIST	0			
S-2 @ 1330			3/4	4.0'			FRAGS TR SAND	SC	WET ≈ 4'	0			
					SOFT	GRAY	WEATHERED SHALE	VBR		0			
	6									0			
S-3 @ 1345			4/4							0			
										0			
										0			
	10			10.0						0			
				BOTM			REF @ 10'						
									WILL SET 3/4" Φ PVC FROM 5-10' (SCREEN)				
									YELLOW FLAG PLACED TO DENOTE UXO IN AREA FLARE CANDLES FUSING ETC IN AREA				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB091
DATE: 4/23/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @ 0835	0		1/2	2'±	SOFT	YELLOW BRN	SANDY CLAY-TR	SC	MOIST → WET	0			
	2						ROOTS-TR ROCK FRAGS		UXO-CLEARED AREA-FOUND	0			
									PC SHEET METAL @6" BELOW SURF	0			
S-2 @ 0840			4/4	4'					THEN OK TO DPT DO MS/MSD	0			
					M DENSE	GRAY YELLOW	SILTY/ CLAYEY SAND	SM	TOOK DUP 01 WET	0			
	6			6'		BRN	TR ROCK FRAGS			0			
					MED SOFT	BRN GRAY	WEATHERED SHALE	VBR	MOIST	0			
S-3 @ 0900			4/4							0			
										0			
	10									0			
				10' BOTM			REF @ 10'						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB092
DATE: 4-19-04
GEOLOGIST: CONTI
DRILLER: J. DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @ 0940	0		2/2		M STIFF	BRN	SANDY CLAY / SILTY	SC	MOIST	0			
	2						TR ROOTS - TR ROCK FRAGS	ML	TR BRICK (FILL) ?	0			
			2/4		M STIFF	BRN	SANDY CLAY - TR	SC	MOIST	0			
S-2 @ 0945							OLIVE SANDSTONE FRAGS ? (FILL)			0			
							TO 7' ?		NOT SURE -	0			
	6								SIMILAR MATL TO 7'	0			
S-3 @ 0950			2/25	7.0'						0			
					M SOFT	YELLOW RED BRN	SAND AND SANDSTONE		MOIST	0			
	8.5			8.5'			FRAGS						
				BOTM			REF @ 8.5'						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 035B093
DATE: 4-19-04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ*	Borehole**	Driller BZ**
S-1 e	0		2/2		M STIFF	BRN	SANDY SILTY CLAY	CL	MOIST	0			
1115	2						TR ROOTS			0			
S-2 e				3.0'		MOTTLD				0			
1125			4/4		DENSE	YELLOW BRN	CLAYEY SAND - SOME	SC	MOIST	0			
						MOTTLD	SMALL ROCK FRAGS		COLLUVIUM ?	0			
	6				STIFF	ORANGE BRN	SANDY CLAY/	SC	MOIST	0			
					M DENSE		CLAYEY SAND-			0			
S-3 e			4/4				TR ROCK FRAGS			0			
1130										0			
	10			10'±			TO		MOIST	0			
					STIFF		MORE CLAY			0			
S-4 e			3/4				SANDY CLAY - TR			0			
1140				13'			ROCK FRAGS			0			
	14.0			14'	V STIFF	MOTTLD GRAY BRN	SILTY CLAY	CL	RESIDUAL SOIL	0			
				BOTM					ABRUPT REF @ 14' - NO SIGN				
							REF @ 14'		OF BEDROCK IN SHOE.				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB094
DATE: 4-21-04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @ 0830	0		2/2		M DENSE	BRN	SANDY SILT-TR	ML	MOIST	0			
	2						ROOTS-TR ROCK FRAGS		DUP OF METALS	0			
									FD042104 01	0			
S-2 @ 0835			4/4		M DENSE	BRN	CLAYEY SAND-TR	SC	MOIST	0			
				6'			TO SOME ROCK FRAGS.	SM		0			
	6				V DENSE	ORANG	MORE CLAY 5-6' SILTY SAND	SM	MOIST	0			
						BRN	AND			0			
S-3 @ 0850			4/4				SANDSTONE FRAGS		MOIST	0			
										0			
	9.5			9.5 BOTM						0			
							REF @ 9.5						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB095
DATE: 4-19-04
GEOLOGIST: CONTI
DRILLER: J. DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @	0				LOOSE	BRN	SANDY SILT TO SILTY SAND - TR	SM	MOIST	0			
1000	2		2/2				CLAY / ROOTS			0			
					LOOSE	BRN	CLAYEY SAND - SOME	SM	MOIST	0			
S-2 @			4/4				ROCK FRAGS	SC		0			
1005										0			
	6			6.0'		TA				0			
S-3 @			1.5/1.5		M HARD	BRN	SILTY SAND AND SANDSTONE FRAG	SM	MOIST	0			
1015	7.5			7.5'									
				BOTM			REF @ 7.5						
	10												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB096
DATE: 4-19-04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @ 1020	0		2/2		LOOSE	BRN	SILTY SAND- TR CLAY	SM	MOIST	0			
	2						TR ROOTS TR ROCK			0			
				3.0'						0			
S-2 @ 1025			4/4		LOOSE TO	BRN	CLAYEY SAND- SOME ROCK	SC	MOIST	0			
					M DENSE		FRAGS			0			
	6			6.0'						0			
S-3 @ 1030					M DENSE	BRN	SILTY SAND- SOME ROCK TO	SM		0			
							SANDSTONE FRAGS		MOIST	0			
	8.5			8.5'									
				BOTM			REF @ 8.5'						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB97
DATE: 4/21/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole **	Driller BZ **
S-1 e 0905	0		2/2		M	BRN	SANDY SILT-TR	ML	MOIST	0			
	2				DENSE		ROOTSAND ROCK FRAGS	SM		0			
										0			
S-2 e 0920			4/4				CLAYEY SILT TR ROCK FRAGS	ML /SM	MOIST	0			
				5'					TOOK MS/MSD FOR EXP/RDX	0			
	6			6'	DENSE	BRN	SILTY SAND-SOME ROCK FRAGS	SM	MOIST	0			
S-3 e 0930			4/4		V DENSE	ORANG BRN	SILTY SAND	SM	MOIST	0			
							AND			0			
							SAND STONE FRAGS			0			
	9.5			9.5'									
				BOTM					MOIST	0			
							REF e 9.5		BORING WAS				
									MOVED ≈ 25'E				
									OF ORIGINAL				
									STAKE DUE TO				
									LARGE 1' SUB				
									BASE ROAD				
									BOULDERS - ALSO				
									HIT OLD METAL				
									SIGN - 1' SQUARE				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB098
DATE: 4-19-04
GEOLOGIST: CONTI
DRILLER: J. DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 e	0		2/2		LOOSE	BRN	TOP 6" TOPSOIL SILTY SAND - TR	SM	MOIST	0			
1045	2			2'			ROOTS, ROCK FRAGS			0			
					M DENSE	ORANG BRN	SILTY SAND AND	SM	MOIST	0			
S-2 e			4/4				SANDSTONE FRAGS		(MS/MSD ON METALS)	0			
1050										0			
	6			6'±						0			
S-3 e			1/1.5		M HARD	YELLOW BRN	SILTY SAND AND	SM	MOIST	0			
1100	7.5			7.5'			SANDSTONE FRAGS	VSR		0			
				BOTM			REF @ 7.5						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB099
DATE: 4/21/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @ 0940	0		2/2		LOOSE	BRN	SANDY SILT - TR	SM	MOIST	0			
	2	2			TO		ROOTS AND ROCK FRAGS	/ML		0			
		ST-01	4/4							0			
S-2 @ 0945		3.3		4.0'	DENSE	BRN				0			
					V DENSE	ORANGE BRN	SILTY SAND	SM	MOIST	0			
	6						AND	VBR		0			
S-3 @ 0950			3.5/4				SANDSTONE FRAGMENTS			0			
	8			8'					MOIST	0			
				BOTM			REF @ 8'						
									SET UP NEAR BORING ON 4/24/04 TO TAKE				
							4/24/04 @ 0915 ST-01 - 2→3.3		SHELBY TUBE				
							HIT REF ST @ 3.3		4→6 ATTEMPT REF. AT 4.1'				
							END OF TUBE BENT ALSO.		USING DPT RIG WILL MOVE &				
									TRY 2-4				
							ST-01 =						
							03ST0990204						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB100
DATE: 4/20/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ
S-1 e	0		2/2		STIFF	GRAY AND	SILTY/SANDY CLAY	SC	MOIST	0			
1400	2			2'		BRN	TR → SOME ROCK FRAGS	SM		0			
S-2					M STIFF	BRN	SILTY CLAY - TR (FILL)	CL	MOIST	0			
e 1420			4/4				ROCK - TR DARK BRN PCS			0			
				6'			(FILL)		MOIST	0			
	6				LOOSE	BRN GRAY				0			
						TO	SILTY SAND W/ ASH - METAL	SM	MOIST → WET	0			
S-3 e			2/4			DK GRAY	BURNT WOOD			5			
1435										0			
	10			10'±			? (FILL)		FILL TO 10'± ? POOR REC.	0			
				10.5	M STIFF		CLAY (SANDY)						
				HEM	M	GRAY	WEATHERED						
S-4 e					SOFT		SHALE	VBR	MOIST.	0			
1445			3.5/4							0			
	14			14'						0			
				BOTM			REF @ 14'			0			

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB101
DATE: 4-20-04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole BZ**	Driller BZ**
S-1 e	0		1/2		SOFT	GRAY	SURF GRAVEL CLAYEY SAND/	SC	WET	0			
1545	2						SANDY CLAY TR ROCK FRAG		POOR REC	0			
										0			
S-2 e			3/4		SOFT		SANDY CLAY - SOME ROCK FRAGS	SC	MOIST → WET	0			
1550							(FILL)			0			
	6				SOFT	BRN	SILTY CLAY - TR ROCK FRAGS	CL		0			
					TO	TO				0			
S-3 e			2.5/4			DARK				0			
1555					M STIFF	GRAY	SOME ASH 8→9 TO	SM	MOIST	0			
	10			10'			SANDY CLAY	CL/SC		0			
S-4 e 1600			4/4		M SOFT	GRAY	CLAYEY WEATHERED SHALE	VBR	MOIST	20			
										34			
									VOAS {	81			
	14			14'						57			
				BOTM			REFUSAL @ 14'±						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB102
DATE: 4/20/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole **	Driller BZ
S-1 e	0		1/2		SOFT	YELLOW BRN	CLAYEY SILT-TR	ML	MOIST	0			
1325	2						ROOTS-TR SUR. ROCK (FILL)		TOOK MS/MSD 0-2	0			
										0			
S-2 e			2/4		SOFT		CLAYEY SILT/SAND	ML	MOIST	0			
1330				5'			SOME ROCK FRAGS			0			
	6				LOOSE	BRN	CLAYEY SAND FILL	SC	MOIST	0			
						OLIVE				0			
S-3 e			4/4			BRN	[7.5-8' ASH]		MOIST	0			
1340				9'						0			
	10				STIFF		SILTY CLAY TR ROCK FRAG	CL	FIRST PID RDG TO DATE →	15			
										52			
S-4 e			3/3	12'			6" SANDSTONE FRAG. LAYER 11.→11.5 ± ? FILL	TO	12'? VOAS →	209			
1350	13			13.	SOFT	GRAY	WEATHERED CLAYEY SHALE	VBR		194			
				BOTM			REF @ 13'						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 035B103
DATE: 4/20/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 e	0		1.5/2		M STIFF	YELLOW BRN	SANDY CLAY - SOME ROCK FRAGS (FILL)	SC	MOIST	0			
1500	2			2'						0			
					M DENSE		CLAYEY SAND - SOME ROCK FRAGS		MOIST	0			
S-2 e			2/4					SC		0			
1505										0			
	6				DENSE	OLIVE	SILTY SAND / CLAY	SM	MOIST	0			
					TO	BRN	MIXTURE W/ ASH	/SC		50			
S-3 e			3.5/4				7 → 8' ±		MOIST	150			
1510				8' 9'	M STIFF	BRN GRAY	CLAYEY SAND (FILL)	SC	W/ FUEL ODOR ← VOAS →	257			
S-4	10			10'			(? FILL)		↓ WET	20			
1520	11		8/1	11.0'	HARD	BRN	SANDSTONE FRAGS		WET → SATURATED	5			
				BOTM			REF @ 11'						
									REFUSAL MAY OR MAY NOT BE BEDROCK - HIT SHALE IN PREVIOUS BORINGS 100 ft				
									102. BUT COULD NOT GET DEEPER.				
									SET 3/4" Φ PIEZ (PVC) TO ≈ 11' 5' SCREEN.				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB104
DATE: 4/21/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole*	Driller BZ**
S-1 e	0		2/2		M DENSE	TAN BRN	SILTY SAND - TR	SM	MOIST	0			
1000	2						ROCK FRAG TR CLAY 1-2'		TOOK (MS/MSD FILL? EXP)	0			
										0			
S-2 e			4/4							0			
1005				5'			TR CLAY		MOIST	0			
	6				V DENSE	ORANGE BRN	SILTY SAND - SOME ROCK FRAGMENTS	SM	MOIST	0			
S-3 e										0			
1015			4/4							0			
										0			
	10			10'						0			
					STIFF	BRN	SILTY CLAY - TR ROCK FRAGS	CL	MOIST	0			
S-4 e			4/4							0			
1025				13'						0			
	14			TEM 14'	V DENSE	ORANG BRN	SANDSTONE SAND AND FRAGS	VBR	MOIST	0			
				BOTM			REF @ 14'±						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB105
DATE: 4/16/04
GEOLOGIST: CONTI
DRILLER: JOSH DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @ 1035	0		2/2		DENSE	YELLOW BRN	GRAVEL (ROAD) AND SILTY CLAY TR SAND - TR ROCK (FILL ?)	CL/ML	MOIST TOOK [03SS105 0002]	0			
	2									0			
										0			
S-2 @ 1035			4/4		DENSE	BRN	SILTY SAND TO SANDY CLAY - SOME ROCK FRAGS	SM	MOIST	0			
		5		▼ 5'±				CL	TOOK [03SB105 0206]	0			
	6	5.9 ST-04 A				GRAY			LAST 1' (5-6) WAS WET	0			
S-3 @ 1045	ST04B	6.8	4/4		DENSE	ORANG BRN	CLAYEY SAND - SOME ROCKFRAGS SANDY CLAY	SC	MOIST → WET	0			
									TOOK [03SB105 0610]	0			
	10									0			
S-4 @ 1055			1.5/1.5		DENSE		CLAYEY SAND AND ROCK FRAGS		WET	0			
	11.5			11.5' BOTM			REF @ 11.5' - BEDROCK		TOOK [03SB105 1012]	0			
							NO BEDROCK IN SHOE.						
							1015 - HIT REF @ 1'±						
							MOVE 8' SOUTH.						
							1025 - START AGAIN.						
				03ST105 0506 →			ST-04 A - 5. → 5.9 REF		WILL ATTEMPT				
				03ST105 0607 →			ST-04 B - 6 → 6.8 REF		ST-04 5'-7'				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB106
DATE: 4-17-04
GEOLOGIST: CONTI
DRILLER: CAMERON MASON

Sample No. and Type or RQD	Depth (FL) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/FL) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 e 0930	0		2/2		STIFF	YELLOW BRN	SURF GRAVEL SANDY CLAY-TR ROCK FRAGS	SC	MOIST	0			
	2									0			
										0			
S-2 e 0940			4/4	4'±						0			
					LOOSE	RED BRN	CLAYEY SAND-TR ROCK FRAGS	SC	MOIST	0			
	6			6'±						0			
S-3 e 0945			3.5/4		M DENSE	ORANG BRN	SILTY SAND-SOME ROCK FRAGS	SM	MOIST	0			
										0			
	10			10'		MOTTLD GRAY YELLOW BRN				0			
							SILTY CLAY-TR ROCK FRAGS	CL	MOIST	0			
S-4 e 0955			4/4							0			
				13'±						0			
	14			14'	M SOFT	GRAY	WEATHERED SHALE	BR	MOIST	0			
				BOTM									
							LAST 1' HARD TO DRIVE DPT.						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB107
DATE: 4/22/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sample BZ	Borehole**	Driller BZ
S-1 @ 1405	0		2/2		STIFF	GRAY BRN	SANDY CLAY-TR	CL	MOIST	0			
	2						ROCK FRAGS-TR BRICK	SC	0.7 BG=0.7	0			
										0			
S-2 @ 1410			4/4	4'±					FILL TO 4'±	6			
					SOFT	GRAY	SILTY SANDY CLAY	SC	AT LEAST MOIST	0			
	6			6'			TR ROCK FRAGS TR SHALE "			0			
					M STIFF	GRAY	CLAYEY SILT-TR ROCK	ML	LOOKS NAT @ 6' MOIST	0			
S-3 @ 1415			4/4	8'					7'-8' VOAS' →	37			
					DENSE	TAN BRN	SILTY SAND-SOME SANDSTONE FRAGS		MOIST	18			
	10									0			
S-4 @ 1420			3/3.5	11'±						0			
					M SOFT	TAN BRN	WEATHERED SANDY SHALE	BR	MOIST → DAMP	0			
	13.5			13.5						0			
				BOTM			REF. @ 13.5						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): .7

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB108
DATE: 4/22/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness*	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @ 1445	0		2/2		MSTIFF	YELLOW BRN	CLAYEY SAND TO	SC	MOIST	18	0		
	2			2'			SANDY CLAY		1-2 (→ VOAS	36	0		
					SOFT TO	MOTTLED GRAY	SILTY/SANDY	SC	LOT OF MOISTURE IN AIR - TO BE NOTED	0			
S-2 @ 1450			4/4		M	BRN	CLAY TR ROCK FRAGS	TO	MOIST	0			
					STIFF			CL		0			
	6									0			
									POSSIBLE RDG	?			
S-3 @ 1500			4/4	8'					@ 8'± - PID NOT FUNCTIONING	?			
					V. DENSE	TAN BRN	SILTY SAND - SOME	SM	CORRECTLY TOOK VOAS 8-9'±	0			
	10						ROCK FRAGS		(RAINY DAY)	0			
							TR CLAY AT 11'			0			
S-4 @ 1510			3.5/4	12'±						0			
					V DENSE	TAN RED	SAND & SANDSTONE	VBR	MOIST	0			
	13.5			13.5'		BRN	FRAGS			0			
				BOTM			REF @ 13.5						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 035B109
DATE: 4/22/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @ 1530	0		2/2		STIFF/ M	BRN	CLAYEY SAND - SOME ROCK FR - TR ROOTS	SC	MOIST (FILL?)	0			
	2				DENSE					0			
					STIFF	YELLOW BRN	SANDY CLAY	SC/CL	MOIST	0			
S-2 @ 1535			3/4							0			
										0			
	6			6'						0			
					M STIFF	GRAY	SANDY/CLAYEY SILT TR ROOTS TR ROCK FRAGS	ML/CL	MOIST → WET	0			
S-3 @ 1540			4/4							0			
				9'						0			
	10			10'	V DENSE	TAN BRN	SILTY SAND - SOME SANDSTONE FRAGS	SM		0			
S-4 @ 1550			2.8/3		V DENSE	ORANG		VR	MOIST	0			
						BRN	WEATHERED SANDSTONE			0			
	13			13' BOTTM						0			
							REF @ 13'						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB110
DATE: 4-17-04
GEOLOGIST: CONTI
DRILLER: C. MASON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1	0		2/2		M STIFF	YELLOW BRN	SANDY CLAY	CL	MOIST	0			
e 1100	2						SOME ROCK FRAGS	/SC		0			
S-2										0			
e 1110			4/4	4'±		MOTTLD				0			
					STIFF	GRAY BRN	SILTY CLAY - TR SAND	CL	MOIST	0			
	6						AND ROCK FRAGS	/ML		0			
				7'±						0			
S-3 e			4/4		LOOSE	BRN	SILTY F/M SAND -	SM	MOIST	0			
1115							SOME ROCK FRAGS			0			
	10					MOTTLD				0			
S-4 e					M DENSE	RED BRN	SANDY CLAY AND		MOIST → WET	0			
1125			2/2.5				ROCK (SANDSTONE)			0			
	12.5			12.5'			FRAG.						
				BOTM									
							REF @ 12.5'±		NO SHALE OBSERVED - MORE SANDSTONE.				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB111
DATE: 4-17-04
GEOLOGIST: CONTI
DRILLER: C. MASON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @ 1345	0		2/2		M DENSE	BRN	TOPSOIL SANDY SILT - TR ROOTS	ML	MOIST	0			
	2			2'		MOTTLD				0			
					M STIFF	YELLOW BRN	SILTY/SANDY CLAY	CL	MOIST	0			
S-2 @ 1400			4/4					CL/ML		0			
										0			
	6			6'					MOIST → WET	0			
S-3 @ 1410			3/3		SOFT	YELLOW BRN	SILTY CLAY	CL		0			
				7.5'									
					M	GRAY	WEATHERED SHALE	VBR	MOIST				
	9			9'	SOFT								
				BOTM			REF @ 9'						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 035B112
DATE: 4/23/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @ 1000	0		2/2		STIFF	BRN	SANDY CLAY - TR	SC	MOIST	0			
	2					TO	ROCK FRAGS - TR ROOTS			0			
					SOFT	YELLOW BRN	SILTY/SANDY CLAY	CL	MOIST → WET	0			
S-2 @			4/4	4'		TO GRAY	TR ROCK FRAGS CLAY	/SC		0			
1005					M SOFT	GRAY	WEATHERED CLAYEY SHALE	VBR	MOIST	0			
	6									0			
										0			
S-3 @			4/4							0			
1015										0			
	10			10'						0			
				BOTM			REF @ 10'						
									WEATHERED AT 4' REF @ 10'				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB113
DATE: 4/23/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @ 0925	0		2/2		SOFT	GRAY BRN	CLAYEY SILT - TR SAND - ROOTS		WET - PC OF ALUMINUM IN SHOE.	0			
	2			2'						0			
					M DENSE		CLAYEY SAND - SOME ROCK FRAGS TR. ASH		MOIST → WET	0			
S-2 @ 0930			2/2.5						FILL TO BR ?	0			
				4.5'			TR SANDSTONE IN SHOE			0			
				REF?									
				BOTM			REF @ 4.5'						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ___ No ✓ Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB114
DATE: 4-18-04
GEOLOGIST: CONTI
DRILLER: C. MASON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 e 1020	0		2/2		STIFF	ORANG BRN	SILTY/SANDY CLAY	CL	MOIST	0			
	2						TR ROOTS TR ROCK FR.	ML		0			
					STIFF	MOTTLD GRAY	CLAYEY SILTY SAND	ML	MOIST	0			
S-2 e			4/4			BRN		SM		0			
1030										0			
	6			6'						0			
S-3			2.5/3		M DENSE	ORANGE BRN	CLAYEY SAND	SM/ SC	MOIST	0			
e 1040				8'						0			
	9			9'	M HARD	RED BRN	SAND AND SANDSTONE		MOIST	0			
				BOTM			REF e 9'						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB115
DATE: 4/21/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sample BZ	Borehole**	Driller BZ**
S-1	0		1/2		M DENSE	GRAY BRN	ROAD GRAVEL SILTY SAND - SOME	SM	MOIST (FILL)	0			
@ 1505	2			2'			ROCK FRAG TR ROOTS		TO 2'	0			
S-2					M STIFF	GRAY BRN	SILTY CLAY - TR	CL	MOIST	0			
@ 1515			4/4		TO		ROCK FRAGS		LOOKS NAT ≈ 2'	0			
					SOFT					0			
	6			6'						0			
S-3			2/2		M DENSE	ORANGE BRN	SILTY SAND AND	SM	MOIST	0			
@ 1520	8			8'	TO DENSE		SANDSTONE FRAGMENTS			0			
				BOTM			REF @ 8'						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB116
DATE: 4/21/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @ 1435	0		2/2		M DENSE	GRAY BRN	CLAYEY SAND/	SC	MOIST	0			
	2				DENSE		SANDY CLAY - TR ROCK FRAG - BURNT SOIL		(FILL) TO 4'?	0			
S-2 @ 1445			4/4	4'±					MOIST	0			
					DENSE	ORANGE BRN	SILTY SAND AND SANDSTONE TR CLAY FRAGS	SM		0			
	6								MOIST	0			
				8'±		MOTTLED				0			
S-3 @ 1450			4/4		V DENSE	GRAY BRN	CLAYEY SAND - SOME ROCK FRAGMENTS		MOIST	0			
										0			
	9.5			9.5'									
				BOTM			REF @ 9.5'						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB117
DATE: 4/21/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ
S-1 @ 1540	0		1/2	1'	LOOSE	GRAY	ROAD GRAVEL (1"ϕ)		DRY	0			
	2				SOFT	BRN	SANDY CLAY-SOME ROCK FRAGS	SC	MOIST	0			
					STIFF	GRAY	SILTY SANDY CLAY	SC/CL	LOOKS NAT.	0			
S-2 @ 1545			4/4	4'		BRN	TR ROCK FRAGS		MOIST	0			
					M STIFF		SILTY CLAY - TR ROCK FRAGS. TR SAND	CL	MOIST	0			
	6									0			
S-3 @ 1600			4/4	7'	SOFT	GRAY	SANDY CLAY	SC	TOOK DUP OF EXP/RDX FD04210402 FROM 6'0	0			
				9						0			
	10			MEDIUM	SOFT	GRAY	CLAYEY SHALE			0			
S-4 @ 1610			4/4		M SOFT	BRN TO GRAY	CLAYEY SHALE/ WEATHERED SHALE	MSR		0			
	13			13 BOTM			REF @ 13'		V. WEATHERED AT 9'.	0			

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB118
DATE: 4-19-04
GEOLOGIST: CONTI
DRILLER: J. DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sample BZ	Borehole**	Driller BZ
S-1 @ 0805	0		2/2		M STIFF	BRN	TOPSOIL TO CLAYEY SILT - TR ROOTS	ML	MOIST	0			
	2						SANDY SILT	/SM		0			
S-2 @ 0910			3/4		M STIFF	BRN	CLAYEY SILT - TR SAND	ML /SM	MOIST MS/MSD(MEANS) DUP 2-6 FD04190401	0			
				6'						0			
	6				LOOSE	BRN	SILTY SAND - TR CLAY		MOIST	0			
S-3 @ 0930			4/4	8'						0			
					M DENSE	BRN	SILTY SAND - TR CLAY AND ROCK FRAGS	SM	MOIST	0			
	10			10'						0			
S-4 @ 0930	11.5		1/1.5	11.5' BOTM	M DENSE	BRN	CLAYEY SAND - TR ROCK FRAGS	SC SM	MOIST	0			
							REFUSAL AT 11.5						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB119
DATE: 4/21/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness*	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ
S-1 @ 1040	0		1/2		VDENSE TO	BRN	ROAD GRAVEL TO SANDY CLAY - TR	CL	DRY TO	0			
	2			2'	V. STIFF		ROCK FRAG (FILL)?	SC	MOIST	0			
					M STIFF	YELLOW BRN	SILTY SANDY CLAY - TR ROCK FRAGS	SC	MOIST	0			
S-2 @ 1045			4/4							0			
										0			
	6								MOIST	0			
				8'						0			
S-3 @ 1050			4/4		V SOFT	GRAY	SANDY CLAY (FILL)?	SC	MOIST → WET	0			
				9'						0			
	10				V DENSE	ORANG BRN	SILTY SAND AND	SM	MOIST	0			
S-4 @ 1100			3 3/4	12'±			SANDSTONE FRAGS.			0			
							MORE CLAY AT 11'±			0			
					V DENSE	ORANGE BRN	SAND AND SANDSTONE		WET TR. WATER IN HOLE.	0			
	13.5			13.5' BOTM			FRAGS REF @ 13.5						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB120
DATE: 4/21/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @ 1325	0		2/2		DENSE	BRN	ROAD GRAVEL TO SANDY CLAY-TR	SC	MOIST	0			
	2			2'			ROCK FRAG TR BURNT SOIL/ASH		(FILL)	0			
					SOFT	MOTTLD GRAY	SANDY CLAY-TR	SC	MOIST→WET	0			
S-2 @ 1330			4/4			BRN	ROCK FRAGS		(FILL) ? ↓	0			
				5'						0			
	6						SAME AS ABOVE		MOIST	0			
S-3 @ 1335			4/4	8'						0			
					DENSE	ORANG BRN	SILTY SAND - SOME ROCK FRAGS	SM	MOIST	0			
	10									0			
S-4 @ 1345			2/2		V DENSE		SILTY SAND - TR			0			
	12			12'			SANDY CLAY AND SANDSTONE FRAGS			0			
				BOTM			REF @ 12'		T.O.R ?				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NSWC CRANE
PROJECT NUMBER: N8383
DRILLING COMPANY: EFS, INC.
DRILLING RIG: DPT RIG

BORING No.: 03SB121
DATE: 4/21/04
GEOLOGIST: CONTI
DRILLER: J DUTTON

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
S-1 @ 1355	0		1/2	1.0'	LOOSE	GRAY	ROAD GRAVEL AND SANDY CLAY	SC	MOIST	0			
	2				V STIFF	BRN	SILTY SANDY CLAY	CL	MOIST? (FILL)	0			
S-2 @ 1400			4/4		TO M STIFF		TR ROCK FRAG. TR BRICK ? FRAG. REDDISH IN COLOR	/SC		0			
										0			
	6							SC	MOIST	0			
S-3 @ 1405			4/4	7.0'	M DENSE	BRN GRAY	CLAYEY SAND - TR ROCK FRAGS TR ORG MATL		FILL TO 7'? NOT SURE MOIST - LOOKS NATURAL AT 7'↓	0			
										0			
	10			10'						0			
S-4 @ 1415			2/2.5		SOFT	MOTTLED GRAY BRN	SANDY CLAY	SC	MOIST → WET	0			
				12'						0			
	12.5			12.5'	DENSE	BRN	SANDSTONE FRAGS						
				BOTM			REF @ 12.5'						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ____ No ✓ Well I.D. #: ____

DIGGING PERMITS

DIGGING PERMIT
NSWC CRANE 11000/3 (REV. 8/02)

4476

REQUESTED BY: Ralph Basinski 1-921-8308	DATE: 3/24/04
WORK REQUEST ON E/S NO.: 133/62	ABG Jeep Trail 25 Area
WORK WILL BE PERFORMED BY: Tetra Tech NUS, Inc	DATE (Start - on or about): 4/1/04

WORK DESCRIPTION: Soil Borings to obtain surface & subsurface samples at ABG (Jeep Trail 25 Area). Areas are marked with white flags & drawing is attached. SWMU 03

EQUIPMENT TYPE

[ ] HAND TOOLS [ ] CORE DRILL [ ] TRENCHER [ ] BACKHOE [ ] HEAVY EQUIPMENT

UNDERGROUND UTILITIES LOCATED IN WORK SITE

UTILITY	PRESENT	MARKED	NOT LOCATED	REMARKS
COMPRESSED AIR	N/A			3/24/04 LHW
HIGH VOLTAGE ELECTRICAL	N/A			3/24/04 LHW
FIRE ALARM	N/A			3/24/04 LHW
GROUNDING	N/A			3/24/04 LHW
NATURAL GAS	N/A			3/24/04 dg
SECURITY ALARM	N/A			3/24/04 LHW
SEWER	N/A			3/24/04 LHW
STEAM	N/A			3/24/04 LHW
TELEPHONE	N/A			3/24/04 LHW
WATER	N/A			3/24/04 LHW
SECOND ELECTRICAL	N/A			3/24/04 LHW
GENERAL DYNAMICS/NMCI	N/A			3/24/04 dg

In addition to the general precautions for excavating where underground utilites are present, comply with the following:

PERMIT HOLDER SIGNATURE: Terry Pate	DATE: 4/9/04
DIGGING PERMIT APPROVED BY: Terry J. Pate	DATE: 4/9/04

DISTRIBUTION:

ORIGINAL - Code 09Z5 File
YELLOW - Supv. At work site
PINK - Permit requestor

DIGGING PERMIT
NSWC CRANE 11000/3 (REV. 8/02)

4477

REQUESTED BY: TetraTech NUS, Inc. / Ralph Basinski 412-921-8308	DATE: 3/24/04
WORK REQUEST ON E/S NO.: 13316	ABG - (H-462 & B-2908 Are
WORK WILL BE PERFORMED BY: Tetra Tech NUS, Inc	DATE (Start - on or about): 4/1/04

WORK DESCRIPTION

Soil boring to obtain surface & subsurface samples at ABG (H462 & B2908 Area). Areas are marked with white flags & drawing is attached. SWMU 03

EQUIPMENT TYPE

[ ] HAND TOOLS [ ] CORE DRILL [X] TRENCHER [ ] BACKHOE [ ] HEAVY EQUIPMENT

UNDERGROUND UTILITIES LOCATED IN WORK SITE

UTILITY	PRESENT	MARKED	NOT LOCATED	REMARKS
COMPRESSED AIR	N/A			3/24/04 LHW
HIGH VOLTAGE ELECTRICAL	N/A			3/24/04 LHW
FIRE ALARM	N/A			3/24/04 LHW
GROUNDING	N/A			3/24/04 LHW
NATURAL GAS	N/A			3/24/04 dz
SECURITY ALARM	N/A			3/24/04 LHW
SEWER	N/A			3/24/04 LHW
STEAM	N/A			3/24/04 LHW
TELEPHONE	N/A			3/24/04 LHW
WATER	N/A			3/24/04 LHW
SECOND ELECTRICAL	N/A			3/24/04 LHW
GENERAL DYNAMICS/NMCI	N/A			3/24/04 dz

In addition to the general precautions for excavating where underground utilites are present, comply with the following:

PERMIT HOLDER SIGNATURE: [signature]	DATE: 4/9/04
DIGGING PERMIT APPROVED BY: Terry J. Pate	DATE: 4/9/04

DISTRIBUTION:

ORIGINAL - Code 09Z5 File
YELLOW - Supv. At work site
PINK - Permit requestor

APPENDIX D

APRIL 2004 SAMPLE LOG SHEETS

AND OTHER FORMS

MONITORING WELL INSPECTION SHEETS

MONITORING WELL INSPECTION SHEET

Well ID: 03-01

Time: 1440 Date: 4/1/04 Inspector's Name: TERRY ROJAHN

Inspection Item	Types of Problems	Status S	Status U	Observation
Well Tag	Is it in-place, legible	✓		PAINTED ON RISER
Well security	Condition protective case, cap, lock	✓		
Well pad	Concrete or gravel & condition		✓	BROKEN
Well seal	Condition of...		✓	↓
Area Immediately around well pad	Record any evidence of/or standing water in area of well			GRASSY; SM. AMOUNT STANDING WATER ~3' AWAY
Dedicated sampling equipment	Condition of...	–	–	NA
PVC Riser	Condition of riser & survey reference point	✓		Condition of stick up good; No REF pt. No Protective casing

Comments: 3 TRACK BALLARDS, EXCELLENT RECHARGE RATE & NO Protective CASING

Signature(s) [illegible]

Note: S= Satisfactory, U= Unsatisfactory
Check one, if unsatisfactory explain

NSWC Crane
Field Form
Revision: 1
January: 1999

MONITORING WELL INSPECTION SHEET

Well ID: 03-07

Time: 1622 Date: 4/24/04 Inspector's Name: TERRY ROJAHN

Inspection Item	Types of Problems	Status		Observation
		S	U	
Well Tag	Is it in-place, legible	✓		Paint # only
Well security	Condition protective case, cap, lock	✓		
Well pad	Concrete or gravel & condition	✓		Concrete
Well seal	Condition of...	✓		
Area Immediately around well pad	Record any evidence of/or standing water in area of well	✓		No Standing H_2O
Dedicated sampling equipment	Condition of...	NA	NA	
PVC Riser	Condition of riser & survey reference point	✓		PVC No protective Casing

Comments: 3 tract Bollards

Signature(s) [signature]

Note: S= Satisfactory, U= Unsatisfactory
Check one, if unsatisfactory explain

NSWC Crane
Field Form
Revision: 1
January: 1999

MONITORING WELL INSPECTION SHEET

Well ID: 03-09

Time: 1138 Date: 4-7-04 Inspector's Name: J. Goerdt

Inspection Item	Types of Problems	Status		Observation
		S	U	
Well Tag	Is it in-place, legible	✓		painted on riser
Well security	Condition protective case, cap, lock	✓		New cap/lock
Well pad	Concrete or gravel & condition	✓		8" pvc base
Well seal	Condition of...	✓		ok/rusty
Area Immediately around well pad	Record any evidence of/or standing water in area of well	✓		
Dedicated sampling equipment	Condition of...	—	—	N/A
PVC Riser	Condition of riser & survey reference point	✓		No Protective casing

Comments:

Signature(s)

Note: S= Satisfactory, U= Unsatisfactory
Check one, if unsatisfactory explain

NSWC Crane
Field Form
Revision: 1
January: 1999

MONITORING WELL INSPECTION SHEET

12

Well ID: 03-12

Time: 1730 Date: 4/24/04 Inspector's Name: Stan Conti

Inspection Item	Types of Problems	Status		Observation
		S	U	
Well Tag	Is it in-place, legible	✓		PAINTED ON PVC STICK UP
Well security	Condition protective case, cap, lock	✓		STEEL NO CASING - J-PLUG w/ LOCK
Well pad	Concrete or gravel & condition		✓	NONE
Well seal	Condition of...		NA	NO PAD 8" CONC SEAL AROUND PVC.
Area Immediately around well pad	Record any evidence of/or standing water in area of well	✓		NO WATER OBV
Dedicated sampling equipment	Condition of...	✓		SILICON TUBING AND TEFLON TUB IN WELL
PVC Riser	Condition of riser & survey reference point	✓		≈ 2.5' SU ≈

Comments: No Protective CASING ; 3 track type Bollards.

Signature(s) SJ Conti

Note: S= Satisfactory, U= Unsatisfactory
Check one, if unsatisfactory explain

NSWC Crane
Field Form
Revision: 1
January: 1999

MONITORING WELL INSPECTION SHEET

Well ID: 03-15

Time: 1752 Date: 4/24/04 Inspector's Name: Terry Rosahn

Inspection Item	Types of Problems	Status		Observation
		S	U	
Well Tag	Is it in-place, legible	✓		No tag; Paint marker
Well security	Condition protective case, cap, lock	✓		
Well pad	Concrete or gravel & condition	✓		
Well seal	Condition of...	✓		
Area Immediately around well pad	Record any evidence of/or standing water in area of well	✓		
Dedicated sampling equipment	Condition of...	—	—	NA
PVC Riser	Condition of riser & survey reference point	✓		Protective casing

Comments: 3 track bollards

Signature(s)

Note: S= Satisfactory, U= Unsatisfactory
Check one, if unsatisfactory explain

NSWC Crane
Field Form
Revision: 1
January: 1999

MONITORING WELL INSPECTION SHEET

Well ID: 03-16

Time: 1815 Date: 4/24/04 Inspector's Name: Terry Rojahn

Inspection Item	Types of Problems	Status		Observation
		S	U	
Well Tag	Is it in-place, legible	—		No Tag; Paint marker
Well security	Condition protective case, cap, lock	✓		
Well pad	Concrete or gravel & condition	✓		Concrete
Well seal	Condition of...	✓		
Area immediately around well pad	Record any evidence of/or standing water in area of well	✓		
Dedicated sampling equipment	Condition of...	—	—	
PVC Riser	Condition of riser & survey reference point	✓		Steel Protective Casing

Comments: 3 Track Bollards

Signature(s) [signature]

Note: S= Satisfactory, U= Unsatisfactory
Check one, if unsatisfactory explain

NSWC Crane
Field Form
Revision: 1
January: 1999

MONITORING WELL INSPECTION SHEET

Well ID: 03-21

Time: 1755 Date: 4/24/04 Inspector's Name: Terry Rojahn

Inspection Item	Types of Problems	Status		Observation
		S	U	
Well Tag	Is it in-place, legible			No Tag; Paint Marker
Well security	Condition protective case, cap, lock	✓		
Well pad	Concrete or gravel & condition	—	—	Soil
Well seal	Condition of...	✓		
Area Immediately around well pad	Record any evidence of/or standing water in area of well	✓		
Dedicated sampling equipment	Condition of...	—	—	NA
PVC Riser	Condition of riser & survey reference point	✓		Steel Protective Casing

Comments: 3 Bollards (TRACK TYPE)

Signature(s) [illegible]

Note: S= Satisfactory, U= Unsatisfactory
Check one, if unsatisfactory explain

NSWC Crane
Field Form
Revision: 1
January: 1999

MONITORING WELL INSPECTION SHEET

Well ID: 03-24

Time: 1735 Date: 4/24/04 Inspector's Name: Terry Rojahn

Inspection Item	Types of Problems	Status		Observation
		S	U	
Well Tag	Is it in-place, legible	✓		only paint, no tag
Well security	Condition protective case, cap, lock	✓		
Well pad	Concrete or gravel & condition	~~NA~~	✓	Concrete, Broken up
Well seal	Condition of...		✓	" "
Area Immediately around well pad	Record any evidence of/or standing water in area of well	✓		
Dedicated sampling equipment	Condition of...	NA	NA	
PVC Riser	Condition of riser & survey reference point	✓		No protective casing; PVC stickup only

Comments: 3. Teach Bollards

Signature(s) [signature]

Note: S= Satisfactory, U= Unsatisfactory
Check one, if unsatisfactory explain

NSWC Crane
Field Form
Revision: 1
January: 1999

MONITORING WELL INSPECTION SHEET

Well ID: 03-30

Time: 1522 Date: 4/1/04 Inspector's Name: TERRY ROJAHN

Inspection Item	Types of Problems	Status		Observation
		S	U	
Well Tag	Is it in-place, legible	✓		SHARPIE
Well security	Condition protective case, cap, lock	✓		Replaced w/ new cap & lock
Well pad	Concrete or gravel & condition	✓		
Well seal	Condition of...	✓		
Area Immediately around well pad	Record any evidence of/or standing water in area of well	✓		GRASSY
Dedicated sampling equipment	Condition of...	NA		
PVC Riser	Condition of riser & survey reference point	✓		SURVEY REF. = NONE COLLAR ON RISER

Comments: V. Slow Recharge, TRACK BALLARDS & No Protective Casing
↳ DRY TWO DAYS LATER!

Signature(s) [illegible]

Note: S= Satisfactory, U= Unsatisfactory
Check one, if unsatisfactory explain

NSWC Crane
Field Form
Revision: 1
January: 1999

MONITORING WELL INSPECTION SHEET

Well ID: 03-31

Time: 1822 Date: 4/25/04 Inspector's Name: TERRY ROJAHN

Inspection Item	Types of Problems	Status		Observation
		S	U	
Well Tag	Is it in-place, legible	✓		PAINT MARKER
Well security	Condition protective case, cap, lock	✓		
Well pad	Concrete or gravel & condition			SOD ONLY
Well seal	Condition of...	✓		
Area Immediately around well pad	Record any evidence of/or standing water in area of well	✓		
Dedicated sampling equipment	Condition of...	–	–	
PVC Riser	Condition of riser & survey reference point	✓		

Comments: No PROTECTIVE CASING, PVC RISER only w/ 3 track type bollards

Signature(s) [illegible]

Note: S= Satisfactory, U= Unsatisfactory
Check one, if unsatisfactory explain

NSWC Crane
Field Form
Revision: 1
January: 1999

MONITORING WELL INSPECTION SHEET

Well ID: 03-33

Time: 1643 Date: 4/1/04 Inspector's Name: TERRY ROJAHN

Inspection Item	Types of Problems	Status		Observation
		S	U	
Well Tag	Is it in-place, legible	✓		SHARPIE
Well security	Condition protective case, cap, lock	✓		WAS OPEN, PUT ON NEW CAP & LOCK
Well pad	Concrete or gravel & condition			NONE
Well seal	Condition of...			
Area Immediately around well pad	Record any evidence of/or standing water in area of well	✓		GRASSY
Dedicated sampling equipment	Condition of...	NA		NA
PVC Riser	Condition of riser & survey reference point	✓		

Comments: VERY SLOW RECHARGE, TRACK BALLARDS & NO PROTECTIVE CASING.

Signature(s) [signature]

Note: S= Satisfactory, U= Unsatisfactory
Check one, if unsatisfactory explain

NSWC Crane
Field Form
Revision: 1
January: 1999

MONITORING WELL INSPECTION SHEET

Well ID: 03-38

Time: 1319 Date: 4/1/04 Inspector's Name: TERRY ROSAHN

Inspection Item	Types of Problems	Status		Observation
		S	U	
Well Tag	Is it in-place, legible	✓		SHARPIE
Well security	Condition protective case, cap, lock	✓		NEW CAP & LOCK
Well pad	Concrete or gravel & condition	✓		CONCRET CIRCLE
Well seal	Condition of...	✓		
Area Immediately around well pad	Record any evidence of/or standing water in area of well	✓		GRASSY, UNEVEN, WELL Higher slightly
Dedicated sampling equipment	Condition of...	—	—	NA
PVC Riser	Condition of riser & survey reference point	✓		

Comments: Excellent Recharge ; Track Bollards ; Collar on Riser & No Protective CASING

Signature(s) [signature]

Note: S= Satisfactory, U= Unsatisfactory
Check one, if unsatisfactory explain

NSWC Crane
Field Form
Revision: 1
January: 1999

MONITORING WELL INSPECTION SHEET

Well ID: 03-39

Time: 0940 Date: 4/2/04 Inspector's Name: TERRY ROJAH

Inspection Item	Types of Problems	Status		Observation
		S	U	
Well Tag	Is it in-place, legible	✓		NEW SHARPIE, FAIDED PAINT
Well security	Condition protective case, cap, lock	✓		NEW CAP & LOCK
Well pad	Concrete or gravel & condition	✓		CONCRET
Well seal	Condition of...	✓		
Area Immediately around well pad	Record any evidence of/or standing water in area of well	✓		GRASSY
Dedicated sampling equipment	Condition of...	NA		
PVC Riser	Condition of riser & survey reference point	✓		NO SURVEY MARK

Comments: EXCELLENT RECHARGE, TRACK bollards & No Protective CASING

Signature(s) [illegible]

Note: S= Satisfactory, U= Unsatisfactory
Check one, if unsatisfactory explain

NSWC Crane
Field Form
Revision: 1
January: 1999

MONITORING WELL INSPECTION SHEET

Well ID: 03C01P2

Time: 0905 Date: 4-6-04 Inspector's Name: J. Goerdt

Inspection Item	Types of Problems	Status		Observation
		S	U	
Well Tag	Is it in-place, legible	✓		
Well security	Condition protective case, cap, lock	✓		
Well pad	Concrete or gravel & condition	–	–	N/A grass
Well seal	Condition of...	✓		
Area Immediately around well pad	Record any evidence of/or standing water in area of well	✓		grassy
Dedicated sampling equipment	Condition of...	–	–	N/A
PVC Riser	Condition of riser & survey reference point	✓		

Comments:

Signature(s)

Note: S= Satisfactory, U= Unsatisfactory
Check one, if unsatisfactory explain

NSWC Crane
Field Form
Revision: 1
January: 1999

MONITORING WELL INSPECTION SHEET

Well ID: 03C03P2

Time: 1845 Date: 4/25/04 Inspector's Name: TERRY ROJAHN

Inspection Item	Types of Problems	Status		Observation
		S	U	
Well Tag	Is it in-place, legible	✓		METAL TAG IN PLACE
Well security	Condition protective case, cap, lock	✓		
Well pad	Concrete or gravel & condition	✓		TELESCOPIC / DOUBLE CASED WELL
Well seal	Condition of...	✓		
Area Immediately around well pad	Record any evidence of/or standing water in area of well	✓		
Dedicated sampling equipment	Condition of...	—	—	NA
PVC Riser	Condition of riser & survey reference point	✓		

Comments: STEEL PROTECTIVE CASING W/ 3 TRACK like Bollards Next to SURVEY MONUMENT.

Signature(s) [signature]

Note: S= Satisfactory, U= Unsatisfactory
Check one, if unsatisfactory explain

NSWC Crane
Field Form
Revision: 1
January: 1999

MONITORING WELL INSPECTION SHEET

Well ID: 03C05

Time: 1814 Date: 4/25/04 Inspector's Name: TERRY ROJAHN

Inspection Item	Types of Problems	Status		Observation
		S	U	
Well Tag	Is it in-place, legible	✓		METAL TAG
Well security	Condition protective case, cap, lock	✓		
Well pad	Concrete or gravel & condition	✓		GRAVEL
Well seal	Condition of...	✓		
Area Immediately around well pad	Record any evidence of/or standing water in area of well	✓		
Dedicated sampling equipment	Condition of...	—	—	
PVC Riser	Condition of riser & survey reference point	✓		

Comments: STEEL PROTECTIVE CASING W/ 3 TRACK TYPE BOLLARDS

Signature(s) [signature]

Note: S= Satisfactory, U= Unsatisfactory
Check one, if unsatisfactory explain

NSWC Crane
Field Form
Revision: 1
January: 1999

MONITORING WELL INSPECTION SHEET

Well ID: 03C06

Time: 1827 Date: 4/25/04 Inspector's Name: Terry Rojahn

Inspection Item	Types of Problems	Status		Observation
		S	U	
Well Tag	Is it in-place, legible	✓		Metal Tag
Well security	Condition protective case, cap, lock	✓		
Well pad	Concrete or gravel & condition	✓		telescope double casing
Well seal	Condition of...	✓		
Area Immediately around well pad	Record any evidence of/or standing water in area of well	✓		
Dedicated sampling equipment	Condition of...	—	—	
PVC Riser	Condition of riser & survey reference point	✓		

Comments: Steel Protective Casing w/ 3 track Bollards

Signature(s) [signature]

Note: S= Satisfactory, U= Unsatisfactory
Check one, if unsatisfactory explain

NSWC Crane
Field Form
Revision: 1
January: 1999

MONITORING WELL INSPECTION SHEET

Well ID: 03C14

Time: 1836 Date: 4/25/04 Inspector's Name: TERRY ROJAHN

Inspection Item	Types of Problems	Status		Observation
		S	U	
Well Tag	Is it in-place, legible	✓		METAL TAG
Well security	Condition protective case, cap, lock	✓		
Well pad	Concrete or gravel & condition	✓		TELESCOPIC / double CASED WELL
Well seal	Condition of...	✓		
Area Immediately around well pad	Record any evidence of/or standing water in area of well		✓	located in a drainage ditch
Dedicated sampling equipment	Condition of...	—	—	NA
PVC Riser	Condition of riser & survey reference point	✓		

Comments: STEEL PROTECTIVE CASING W/ 3 track like BOLLARDS

Signature(s) [signature]

Note: S= Satisfactory, U= Unsatisfactory
Check one, if unsatisfactory explain

NSWC Crane
Field Form
Revision: 1
January: 1999

MONITORING WELL INSPECTION SHEET

Well ID: 03C21

Time: 1838 Date: 4/25/04 Inspector's Name: TERRY ROSAHN

Inspection Item	Types of Problems	Status		Observation
		S	U	
Well Tag	Is it in-place, legible	✓		METAL TAG
Well security	Condition protective case, cap, lock	✓		REPLACED LOCK W/NEW this date
Well pad	Concrete or gravel & condition	✓		TELESCOPIC / DOUBLE CASED WELL
Well seal	Condition of...	✓		
Area Immediately around well pad	Record any evidence of/or standing water in area of well	✓		
Dedicated sampling equipment	Condition of...	—	—	NA
PVC Riser	Condition of riser & survey reference point	✓		

Comments: STEEL PROTECTIVE CASING W/ 3 TRACK TYPE BOLLARDS

Signature(s) Terry Rosahn

Note: S= Satisfactory, U= Unsatisfactory
Check one, if unsatisfactory explain

NSWC Crane
Field Form
Revision: 1
January: 1999

MONITORING WELL INSPECTION SHEET

Well ID: 03<28

Time: 1219 Date: 4-8-04 Inspector's Name: J. Goerdt

Inspection Item	Types of Problems	Status		Observation
		S	U	
Well Tag	Is it in-place, legible	✓		
Well security	Condition protective case, cap, lock	✓		
Well pad	Concrete or gravel & condition	✓		concrete
Well seal	Condition of...	✓		
Area Immediately around well pad	Record any evidence of/or standing water in area of well	✓		
Dedicated sampling equipment	Condition of...	-	-	N/A
PVC Riser	Condition of riser & survey reference point	✓		Protective Casing

Comments:

Signature(s)

Note: S= Satisfactory, U= Unsatisfactory
Check one, if unsatisfactory explain

NSWC Crane
Field Form
Revision: 1
January: 1999

MONITORING WELL DEVELOPMENT RECORDS

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

53.80 Bottom of Screen

Well ID:	03-01	Depth to Bottom (ft.):	58.54 TD	Responsible Personnel:	T. Rojahn / J. Goerdt
Site ID:	ABG/OJT	Static WL Before (ft.):	45.87	Drilling Co.:	NA
Date Installed:	9/4/81	Static WL After (ft.):	45.97	Project Name:	NSWC CRANE, SWMU 03
Date Developed:	4/01/04	Screen Length (ft.):	9.2 ft	Project Number:	N8383
Dev. Method:	Surge & Purge	Specific Capacity:	NA	PID Reading:	Well 0.0 ppm
Pump Type:	WATTERKIA 3/4"	Casing ID (in.):	2"	PID Reading:	Breathing Zone 0.0 ppm

Time	Cumulative Water Volume (Gal. /L)	Flow Rate (mL/min.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units ____)	Turbidity (NTU)	Remarks (odor, color, etc.)
1410	0	-	45.87					
1420	5	-	45.92	13.47	6.97	0.761	500	Lt brown
1429	9	-	-	13.31	7.01	0.939	180	cloudy
1433	13	-	-	13.25	6.96	0.723	260	CLOUDY
1435	-	-	45.97	-	-	-	-	~~to~~ REMOVED OVER 6 vol.
	~ 1 gal in tubing							
	14 gal Total							

WL = Water Level

All well measurements are from the top of casing (TOC).

12.67' x 0.163 = 2.1 gal

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Well ID: 03-07
Site ID: ABG/OJT
Date Installed: 10/8/81
Date Developed: 4/5/04
Dev. Method: Surge & Purge
Pump Type: WHALE PUMP

Depth to Bottom (ft.): 28.35
Static WL Before (ft.): 10.7
Static WL After (ft.): DRY
Screen Length (ft.): 9.3
Specific Capacity: NA
Casing ID (in.): 2"0

Responsible Personnel: T. Rojahn / ~~J. Goerdt~~
Drilling Co.: NA
Project Name: NSWC CRANE, SWMU 03
Project Number: N8383
PID Reading: Well 52.6 ppm
PID Reading: Breathing Zone 0.0 ppm

Time	Cumulative Water Volume (Gal./L)	Flow Rate (mL/min.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units ____)	Turbidity (NTU)	Remarks (odor, color, etc.)
1112	0	-	10.70	—	—	—	—	Start DEV (BRN)
1115	5	1.7gpm	15.04	10.51	6.81	0.541	+1100	BRN
1118	10	1.7	17.65	9.56	6.53	0.503	+1100	"
1121	15	1.7	19.10	9.30	6.55	0.507	+1100	"
1124	20	1.7	25.70	9.82	6.49	0.514	+1100	"
1125	↓	—	DRY	—	—	—	—	DRY
1130	↓	—	16.05	—	—	—	—	RECHARGE
1131	20	—	—	9.44	6.75	0.517	57.5	Restart
1134	25	1.7	DRY	—	—	—	—	END PURGE

WL = Water Level

All well measurements are from the top of casing (TOC).

17.65 x 0.163 = 2.9

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Well ID:	03-09	Depth to Bottom (ft.):	BOS / TO (5' SUMP) 78.1 / 83.1	Responsible Personnel:	T. Rojahn / J. Goerdt
Site ID:	ABG/OJT	Static WL Before (ft.):	67.94	Drilling Co.:	NA
Date Installed:	10/28/01	Static WL After (ft.):	DRY	Project Name:	NSWC CRANE, SWMU 03
Date Developed:	4/5/04	Screen Length (ft.):	9.2	Project Number:	N8383
Dev. Method:	Surge & Purge	Specific Capacity:	NA	PID Reading:	Well 0.3 ppm
Pump Type:	WATTERRIA 3/4"	Casing ID (in.):	2"Ø	PID Reading:	Breathing Zone 0.0 ppm

Time	Cumulative Water Volume (Gal /L)	Flow Rate (mL/min.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units ____)	Turbidity (NTU)	Remarks (odor, color, etc.) SULFUR ODOR
1446	2.0	0.5	75.50	13.59	6.96	1.021	134	particulate
1451	4.0	0.5	80.60	13.31	6.97	0.980	62	Clear w/ SS
1456	5.0	1.0	DRY	—	—	—	—	RECHARGE
1501	—	—	71.0	—	—	—	—	RECHARGE
1504	6.0 gal	WELL dries up AFTER WATTERRIA hose is full						
	2.5 gal	in hose						
Total	8.5 gal							

WL = Water Level

i.e. 6 gal

All well measurements are from the top of casing (TOC).

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Well ID: 03-12
Site ID: ABG/OJT
Date Installed: 11/4/82
Date Developed: 4/5/04
Dev. Method: Surge & Purge
Pump Type: WHALE

Depth to Bottom (ft.): 29.40
Static WL Before (ft.): 15.28
Static WL After (ft.): 20.62
Screen Length (ft.): 9.4
Specific Capacity: NA
Casing ID (in.): 2"Ø

Responsible Personnel: T. Rojahn / ~~J. Goerdt~~
Drilling Co.: NA
Project Name: NSWC CRANE, SWMU 03
Project Number: N8383
PID Reading: Well 0.9 ppm
PID Reading: Breathing Zone 0.0 ppm

Time	Cumulative Water Volume (Gal /L)	Flow Rate (mL/min.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units _____)	Turbidity (NTU)	Remarks (odor, color, etc.)
0942	0	--	15.28	-	-	-	-	Start Dev. (BRN)
0945	5	1.79pm	20.30	10.00	6.56	0.243	962	Lt. BRN
0949	10	1.25	20.45	10.00	645	0.245	192	Sl. CLOUDY
0952	15	1.7	20.62	10.04	6.41	0.246	52.3	CLEAR

WL = Water Level

14.12 x 0.163 = 2.2 gal

All well measurements are from the top of casing (TOC).

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Well ID: 03-15
Site ID: ABG/OJT
Date Installed: 11/22/82
Date Developed: 4/4/04
Dev. Method: Surge & Purge
Pump Type: WHALE

Depth to Bottom (ft.): 32.10
Static WL Before (ft.): 17.68
Static WL After (ft.): 23.15
Screen Length (ft.): 9.4
Specific Capacity: NA
Casing ID (in.): 2"

Responsible Personnel: T. Rojahn / J. Goerdt
Drilling Co.: NA
Project Name: NSWC CRANE, SWMU 03
Project Number: N8383
PID Reading: Well 0.0 ppm
PID Reading: Breathing Zone 0.0 ppm

Time	Cumulative Water Volume (Gal /L)	Flow Rate (mL/min.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units ____)	Turbidity (NTU)	Remarks (odor, color, etc.)
1614	0	—	17.69	—	—	—	—	Start DEV. (BRN)
1617	5	1.7gal	19.90	11.07	6.59	0.220	266	Cloudy Reddish Brown
1620	10	1.7	21.55	11.25	6.35	0.207	243	"
1623	15	1.7	22.10	11.25	6.50	0.207	241	"
1626	20	1.7	22.80	11.18	6.55	0.461	279	"
1629	25	1.7	22.95	11.30	6.63	0.468	349	"
1632	30	1.7	23.15	11.33	6.65	0.469	449	"

WL = Water Level

All well measurements are from the top of casing (TOC).

14.42 x 0.163 = 2.4 gal

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Well ID: 03-16
Site ID: ABG/OJT
Date Installed: 11/23/82
Date Developed: 4/4/04
Dev. Method: Surge & Purge
Pump Type: WHALE

Depth to Bottom (ft.): 42.55
Static WL Before (ft.): 29.14
Static WL After (ft.): * below Top of Pump
Screen Length (ft.): 9.4
Specific Capacity: NA
Casing ID (in.): 2"Ø

Responsible Personnel: T. Rojahn / J. Goerdt
Drilling Co.: NA
Project Name: NSWC CRANE, SWMU 03
Project Number: N8383
PID Reading: Well 1.2 ppm
PID Reading: Breathing Zone 0.0 ppm

Time	Cumulative Water Volume (Gal /L)	Flow Rate (mL/min.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units ____)	Turbidity (NTU)	Remarks (odor, color, etc.)
1241	0	–	29.14 ~~42.55~~ (TD)	–	–	–	–	DARK BRN @ DEV. START
1246	5	1gal	33.14	13.45	6.89	0.287	83.1	V.Sl. Cloudy w/some sus. Solids
1251	10	1gal	33.90	12.77	7.22	0.278	50.0	CLEAR
1256	15	1gal	34.39	12.63	7.44	0.262	74.0	CLEAR - V.Sl. Cloudy
1301	20	1gal	35.00	12.62	7.38	0.265	211.0	Cloudy
1306	25	1gal	*	12.67	7.37	0.257	204.0	Cloudy * W.L. Below PUMP

WL = Water Level

All well measurements are from the top of casing (TOC).

13.41 X 0.163 = 2.2 gal

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Well ID: 03-21
Site ID: ABG/OJT
Date Installed: 1/27/83
Date Developed: 4/4/04
Dev. Method: Surge & Purge
Pump Type: WHALE Pump

Depth to Bottom (ft.): 30.0
Static WL Before (ft.): 18.93
Static WL After (ft.): 27.47
Screen Length (ft.): 9.3
Specific Capacity: NA
Casing ID (in.): 2"Ø

Responsible Personnel: T. Rojahn / J. Goerdt
Drilling Co.: NA
Project Name: NSWC CRANE, SWMU 03
Project Number: N8383
PID Reading: Well 1.1 ppm
PID Reading: Breathing Zone 0.0 ppm

Time	Cumulative Water Volume (Gal. /L)	Flow Rate (mL/min.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units _____)	Turbidity (NTU)	Remarks (odor, color, etc.)
1419	0	—	18.93	—	—	—	—	Start Dev
1422	5	1.7gpm	19.13	11.06	7.03	0.389	36.4	CLEAR
1424	10	2.5	19.34	10.36	7.01	0.384	94.2	V. Sl. Cloudy
1427	15	1.7	22.80	10.22	7.00	0.380	83.7	V. Sl. Cloudy
1430	20	1.7	27.47	10.31	7.05	0.387	51.4	CLEAR

WL = Water Level

All well measurements are from the top of casing (TOC).

11.07 x 0.163 = 1.8 gal

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Well ID:	03-24	Depth to Bottom (ft.):	54.64 BOS	Responsible Personnel:	T. Rojahn / J. Goerdt
Site ID:	ABG/OJT	Static WL Before (ft.):	49.29	Drilling Co.:	NA
Date Installed:	2/6/93	Static WL After (ft.):	49.32	Project Name:	NSWC CRANE, SWMU 03
Date Developed:	4/4/04	Screen Length (ft.):	9.4	Project Number:	N8383
Dev. Method:	Surge & Purge	Specific Capacity:	NA	PID Reading:	Well 2.4 ppm
Pump Type:	Waterra 1/2"	Casing ID (in.):	2"Ø	PID Reading:	Breathing Zone 0.0 ppm

54.64
-45.24
9.40

Time	Cumulative Water Volume (Gal /L)	Flow Rate (mL/min.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units ____)	Turbidity (NTU)	Remarks (odor, color, etc.)
0915	–	–	49.29	–	–	–	–	Start Purge
↓	No Readings - Water Reddish Orange @ First then Yellow Green (Bright)							
		W/Surfactants						
0936	12 gal	–	49.32	–	–	–	–	Bright Yellow Green
	No Readings to protect meter probes!							

WL = Water Level

Well measurements are from the top of casing (TOC).

5.35 x 0.163 = 0.87

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Well ID: 03-30
Site ID: ABG/OJT
Date Installed: 10/4/85
Date Developed: 4/1/04
Dev. Method: Surge & Purge
Pump Type: WATTERRIA 3/4"

Depth to Bottom (ft.): 55.29
Static WL Before (ft.): 50.15
Static WL After (ft.): 54.80
Screen Length (ft.): UNKNOWN
Specific Capacity: N/A
Casing ID (in.): 2" Ø

Responsible Personnel: T. Rojahn / J. Goerdt
Drilling Co.: NA
Project Name: NSWC CRANE, SWMU 03
Project Number: N8383
PID Reading: Well 0.0 ppm
PID Reading: Breathing Zone 0.0 ppm

Time	Cumulative Water Volume (Gal. /L)	Flow Rate (mL/min.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units ____)	Turbidity (NTU)	Remarks (odor, color, etc.)
1500	–	–						
1508	1	–	DRY	–	–	–	–	All water in tubing
1511		–	54.10	–	–	–	–	RECHARGE
1516		–	53.77	–	–	–	–	"
1521		–	53.56	–	–	–	–	"
1526		–	53.33	–	–	–	–	"
1531		–	53.15	–	–	–	–	Dry out
1534		–	54.80	–	–	–	–	Pull pump
								Very Slow Recharge

WL = Water Level

All well measurements are from the top of casing (TOC).

5.14 x 0.163 = 0.83

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Well ID: 03-31
Site ID: ABG/OJT
Date Installed: 10/10/85
Date Developed: 4/3/04
Dev. Method: Surge & Purge
Pump Type: W/HALE PUMP

Depth to Bottom (ft.): 45.87
Static WL Before (ft.): 37.62
Static WL After (ft.): DRY
Screen Length (ft.): UNKNOWN
Specific Capacity: NA
Casing ID (in.): 2"

Responsible Personnel: T. Rojahn / J. Goerdt
Drilling Co.: NA
Project Name: NSWC CRANE, SWMU 03
Project Number: N8383
PID Reading: Well 0.0 ppm
PID Reading: Breathing Zone 0.0 ppm

Time	Cumulative Water Volume (Gal. /L)	Flow Rate (mL/min.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units _____)	Turbidity (NTU)	Remarks (odor, color, etc.)
1256	0	–	37.62	–	–	–	–	START PURGE
1258	2	–	–	11.99	8.53	0.194	50.6	V.SL. Cloudy
1259	3	–	DRY	–	–	–	–	Dry
1304	↓	–	42.86	–	–	–	–	RECHARGE
1309		–	42.63	–	–	–	–	"
1314	↓	–	42.30	–	–	–	–	"
1315	3.25	–	DRY	12.39	8.47	0.105	72.1	V.SL. Cloudy
1320	↓	–	43.34	–	–	–	–	RECHARGE
1325		–	43.17	–	–	–	–	"
1330	↓	–	43.01	–	–	–	–	"
1331	3.3	–	DRY	11.44	8.20	0.200	49.1	DRY CLEAR

WL = Water Level

8.25 X 0.163 = 1.3 gal.

All well measurements are from the top of casing (TOC).

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Well ID: 03-33
Site ID: ABG/OJT
Date Installed: 10/13/85
Date Developed: 4/1/04
Dev. Method: Surge & Purge
Pump Type: Watterria 3/4"

Depth to Bottom (ft.): 43.43
Static WL Before (ft.): 36.61
Static WL After (ft.): 42.12
Screen Length (ft.): Unknown
Specific Capacity: NA
Casing ID (in.): 2" Ø

Responsible Personnel: T. Rojahn / J. Goerdt
Drilling Co.: NA
Project Name: NSWC CRANE, SWMU 03
Project Number: N8383
PID Reading: Well 0.0 ppm
PID Reading: Breathing Zone 0.0 ppm

Time	Cumulative Water Volume (Gal./L)	Flow Rate (mL/min.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units ____)	Turbidity (NTU)	Remarks (odor, color, etc.)
1604	0	–					–	
1609	1.5	–	(DRY)	11.86	7.74	1.202	500	1.5 gal. in bucket Lt. Tan
1614	↓	–	41.41	–	–	–	–	Recharge
1619	↓	–	40.76	–	–	–	–	"
1624	↓	–	40.53	–	–	–	–	Restart Purge
1627	1.6	–	(DRY)	–	–	–	–	Lt Tan - Cloudy
1632	↓	–	42.23	–	–	–	–	Recharge
1637	↓	–	42.12	–	–	–	–	(Dry) No H2O from Tubing
Total →	2.6	~1 gal in tubing						

WL = Water Level

All well measurements are from the top of casing (TOC). 6.82 × 0.163 = 1.1

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Well ID: 03-38
Site ID: ABG/OJT
Date Installed: 11/2/85
Date Developed: 4-1-04
Dev. Method: Surge & Purge
Pump Type: WATTERIA 3/4"

Depth to Bottom (ft.): 60.18
Static WL Before (ft.): 46.32
Static WL After (ft.): 46.44
Screen Length (ft.): UNKNOWN
Specific Capacity: NA
Casing ID (in.): 2"Ø

Responsible Personnel: T. Rojahn / J. Goerdt
Drilling Co.: NA
Project Name: NSWC CRANE, SWMU 03
Project Number: N8383
PID Reading: Well 0.0 ppm
PID Reading: Breathing Zone 0.0 ppm

Time	Cumulative Water Volume (Gal /L)	Flow Rate (mL/min.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units µS/cm)	Turbidity (NTU)	Remarks (odor, color, etc.)
1255	0	–	46.32					
1315	10	–	46.44	13.15	6.86	0.535	+1000	BRN
								REMOVED 7 WELL VOL.

WL = Water Level

All well measurements are from the top of casing (TOC).

13.86' x 0.163 = 2.26 gal x 6 = 13.56

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Well ID: 03-39
Site ID: ABG/OJT
Date Installed: 11/2/85
Date Developed: 4/2/04
Dev. Method: Surge & Purge
Pump Type: WATTERRIA

Depth to Bottom (ft.): 57.93
Static WL Before (ft.): 44.50
Static WL After (ft.): 44.65
Screen Length (ft.): UNKNOWN
Specific Capacity: NA
Casing ID (in.): 2"Ø

Responsible Personnel: T. Rojahn / J. Goerdt
Drilling Co.: NA
Project Name: NSWC CRANE, SWMU 03
Project Number: N8383
PID Reading: Well 0.0 ppm
PID Reading: Breathing Zone 0.0 ppm

Time	Cumulative Water Volume (Gal. / L)	Flow Rate (mL/min.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units ____)	Turbidity (NTU)	Remarks (odor, color, etc.)
0908	—	—	44.50	—	—	—	—	Start dev.
0912	4	1.0	—	13.91	7.05	0.390	220	Orangish Brn.
0927	8	0.8	44.60	—	—	—	—	"
0930	10	0.6	—	13.27	6.88	0.371	600	"
0937	12	0.3	—	13.49	6.73	0.382	320	"
0945	16	0.5	—	13.40	6.67	0.387	360	"
0950	21	1.0	44.65	13.47	6.70	0.391	600	"

WL = Water Level

All well measurements are from the top of casing (TOC).

13.43 x 0.163 = 2.2 gal x 6 = 13.2 gal

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Well ID: 03C01PZ
Site ID: ABG/OJT
Date Installed: 9/22/86
Date Developed: 4/3/04
Dev. Method: Surge & Purge
Pump Type: WATTERIA ½"

Depth to Bottom (ft.): 104.5
Static WL Before (ft.): 69.80
Static WL After (ft.): 70.10
Screen Length (ft.): 10
Specific Capacity: NA
Casing ID (in.): 2"Ø

Responsible Personnel: T. Rojahn / J. Goerdt
Drilling Co.: NA
Project Name: NSWC CRANE, SWMU 03
Project Number: N8383
PID Reading: Well 0.7 ppm
PID Reading: Breathing Zone 0.0 ppm

Time	Cumulative Water Volume (Gal. /L)	Flow Rate (mL/min.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units _____)	Turbidity (NTU)	Remarks (odor, color, etc.)
0850	0	–	69.80	–	–	–	–	Start DEV.
0903	4.0	–	–	13.71	8.65	0.462	+1100	v. cloudy
0909	8.0	–	69.95	13.89	8.03	0.644	+1100	"
0917	10.0	–	–	13.66	7.58	0.666	+1100	"
0921	12.0	–	–	13.69	7.47	0.667	+1100	"
0925	14.0	–	70.06	13.71	7.39	0.655	+1100	"
0930	16.0	–	–	13.74	7.33	0.656	+1100	"
0933	18.0	–	70.10	13.80	7.39	0.652	+1100	"
Total	21.0 gals	w/tubing						

WL = Water Level

All well measurements are from the top of casing (TOC). 34.7 X 0.163 = 5.7 gal

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

69.25 MEAS.

Well ID:	03C03P2	Depth to Bottom (ft.):	68.3	Responsible Personnel:	T. Rojahn / J. Goerdt
Site ID:	ABG/OJT	Static WL Before (ft.):	41.65	Drilling Co.:	NA
Date Installed:	10/23/1986	Static WL After (ft.):	42.45	Project Name:	NSWC CRANE, SWMU 03
Date Developed:	4/2/04	Screen Length (ft.):	10	Project Number:	N8383
Dev. Method:	Surge & Purge	Specific Capacity:	NA	PID Reading:	Well 0.0 ppm
Pump Type:	~~WATERRA~~ WHALE PUMP (TR)	Casing ID (in.):	2"Ø	PID Reading:	Breathing Zone 0.0 ppm

Time	Cumulative Water Volume (Gal. /L)	Flow Rate (mL/min.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units ____)	Turbidity (NTU)	Remarks (odor, color, etc.)
1457	0	—	41.65	-	-	-		Start Purge
1505	8	1gpm	—	15.24	6.41	0.538	24	* Green
1509	12	↓	42.66	—	—	—	—	Water Level
1515	18		—	15.05	6.26	0.514	8.3	Clear w/Greenish Tint
1517	20		42.78	15.20	6.22	0.495	—	Stop Purge (NEED more containers)
1543							→	Restart
1545	22	—	—	—	—	—	29.8	Greenish Tint
1548	25	1gpm	42.45	15.25	6.23	0.561	7.67	Clear w/ Greenish Tint

WL = Water Level

All well measurements are from the top of casing (TOC). 27.6 × 0.163 = 4.5 gal

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Well ID: 03C05
Site ID: ABG/OJT
Date Installed: 10/29/86
Date Developed: 4/2/04
Dev. Method: Surge & Purge
Pump Type: WHALE PUMP

Depth to Bottom (ft.): 45.33 MEAS. (445)
Static WL Before (ft.): 34.78
Static WL After (ft.): DRY
Screen Length (ft.): 10
Specific Capacity: NA
Casing ID (in.): 2" Ø

Responsible Personnel: T. Rojahn / J. Goerdt
Drilling Co.: NA
Project Name: NSWC CRANE, SWMU 03
Project Number: N8383
PID Reading: Well 0.0 ppm
PID Reading: Breathing Zone 0.0 ppm

Time	Cumulative Water Volume (Gal. /L)	Flow Rate (mL/min.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units _____)	Turbidity (NTU)	Remarks (odor, color, etc.)
1622	0	—	34.78	—	—	—	—	Start Purge
1625	3	1 gpm	—	13.26	6.99	0.481	398	Lt. BRN
1626	4	"	DRY	—	—	—	—	RECHARGE
1636	—	—	* REMARKS	—	—	—	—	*W.L. below top of pump
1646	—	—	* "	—	—	—	—	↓
1650	—	—	42.31	—	—	—	—	RECHARGE
1655	—	—	42.15	—	—	—	—	"
1700	—	—	42.05	—	—	—	—	"
1701	~5	1 gpm	DRY	12.68	7.09	0.487	67	PUMPED FOR 1 min CLEAR

WL = Water Level

All well measurements are from the top of casing (TOC).

10.55 X 0.163 = 1.7 gal

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Well ID: 03C06
Site ID: ABG/OJT
Date Installed: 10/16/86
Date Developed: 4/3/04
Dev. Method: Surge & Purge
Pump Type: Waterrila ½"

Depth to Bottom (ft.): 99.5
Static WL Before (ft.): 76.88
Static WL After (ft.): DRY
Screen Length (ft.): 10
Specific Capacity: NA
Casing ID (in.): 2"Ø

Responsible Personnel: T. Rojahn / J. Goerdt
Drilling Co.: NA
Project Name: NSWC CRANE, SWMU 03
Project Number: N8383
PID Reading: Well 2.0 ppm
PID Reading: Breathing Zone 0.0 ppm

Time	Cumulative Water Volume (Gal. /L)	Flow Rate (mL/min.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units ____)	Turbidity (NTU)	Remarks (odor, color, etc.)
1021	0	–	76.88	–	–	–	–	Start DEV
1030	4	–	98.00	13.09	7.73	0.530	150	Sl Cloudy
1035	5	–	(DRY)	–	–	–	–	RECHARGE
1040	↓	–	96.80	–	–	–	–	"
1045		–	95.72	–	–	–	–	"
1050	↓	–	94.61	–	–	–	–	"
1054	5.5	–	94.80	12.27	8.15	0.469	361	cloudy
1058	6.0	–	99.25	–	–	–	–	(DRY)
1103	↓	–	97.65	–	–	–	–	RECHARGE
1108		–	96.16	–	–	–	–	"
1113	↓	–	95.10	–	–	–	–	"
1116	6.25	–	–	12.76	7.41	0.525	133	Sl. Cloudy
1117	6.5	–	(DRY)	–	–	–	–	END DEV.
Total	9	W/ water in tubing						

WL = Water Level

All well measurements are from the top of casing (TOC).

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Well ID:	03C13	Depth to Bottom (ft.):	82.70	Responsible Personnel:	T. Rojahn / J. Goerdt
Site ID:	ABG/OJT	Static WL Before (ft.):	59.43	Drilling Co.:	NA
Date Installed:	2/9/87	Static WL After (ft.):	59.45	Project Name:	NSWC CRANE, SWMU 03
Date Developed:	4/3/04	Screen Length (ft.):	10	Project Number:	N8383
Dev. Method:	Surge & Purge	Specific Capacity:	NA	PID Reading:	Well 9.2 ppm
Pump Type:	Waterra 1/2"	Casing ID (in.):	2"	PID Reading:	Breathing Zone 0.0 ppm

Time	Cumulative Water Volume (Gal. /L)	Flow Rate (mL/min.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units _____)	Turbidity (NTU)	Remarks (odor, color, etc.)
1406	-	-	59.43	-	-	-	-	Start Dev.
1416	3.0	-	-	14.90	7.04	0.653	44.9	Clear w/ few TSS
1419	8.0	-	59.45	13.91	7.07	0.645	76.0	" w/ " "
1424	12.0	-	-	13.93	7.14	0.643	50.7	"
1427	14.0	-	-	14.04	7.17	0.641	60.2	"
1429	16.0	-	59.45	13.94	7.16	0.638	50.7	"
Total	17.5 w/ H2O in Tubing							

WL = Water Level

All well measurements are from the top of casing (TOC).

23.27 x 0.163 = 3.8941

*Well not sampled due to pump load in casing. Unable to

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Well ID: 03C14
Site ID: ABG/OJT
Date Installed: 2/20/87
Date Developed: ~~02/20/87~~ 4/2/04
Dev. Method: Surge & Purge
Pump Type: Waterria 3/4"

Depth to Bottom (ft.): 117.75
Static WL Before (ft.): 85.20
Static WL After (ft.): 85.82
Screen Length (ft.): 10
Specific Capacity: NA
Casing ID (in.): 2"

Responsible Personnel: T. Rojahn / J. Goerdt
Drilling Co.: NA
Project Name: NSWC CRANE, SWMU 03
Project Number: N8383
PID Reading: Well 0.0 ppm
PID Reading: Breathing Zone 0.0 ppm

Time	Cumulative Water Volume (Gal. /L)	Flow Rate (mL/min.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units ____)	Turbidity (NTU)	Remarks (odor, color, etc.)
1330	0	–	–	–	–	–	–	START DEV.
1343	4	–	85.45	15.83	6.89	0.659	500	lt. Green
1355	8	–	–	14.77	6.71	0.623	+1100	Greyish Brn
1404	12	–	–	14.76	6.85	0.620	+1100	" "
1415	14	–	–	14.88	6.83	0.609	+1100	" "
1418	16	–	85.82	14.72	6.80	0.600	+1100	" "

WL = Water Level

All well measurements are from the top of casing (TOC).

32.55 X 0.163 = 5.3 gal

RECHARGE EXCELLENT

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Well ID: 03C21
Site ID: ABG/OJT
Date Installed: (TT) ~~4/12/90~~ 5/28/87
Date Developed: 4/2/04
Dev. Method: Surge & Purge
Pump Type: WATTERIA

Depth to Bottom (ft.): 121.20
Static WL Before (ft.): 85.05
Static WL After (ft.): 91.8
Screen Length (ft.): UNKNOWN
Specific Capacity: NA
Casing ID (in.): 2"Ø

Responsible Personnel: T. Rojahn / J. Goerdt
Drilling Co.: NA
Project Name: NSWC CRANE, SWMU 03
Project Number: N8383
PID Reading: Well 0.0 ppm
PID Reading: Breathing Zone 0.0 ppm

Time	Cumulative Water Volume (Gal. /L)	Flow Rate (mL/min.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units _____)	Turbidity (NTU)	Remarks (odor, color, etc.)
1045	4.0	0.4	97.0	13.70	6.96	0.463	700	Grey
1053	7.0	0.4	1030	—	—	—	—	—
1054	8.0	1.0	"	13.56	6.99	0.473	750	Grey
1100	12.0	0.7	95.40	13.40	6.98	0.490	1100	"
1106	14.5	0.4	—	13.25	7.03	0.487	+1100	BRN
1112	17	0.5	—	—	—	—	—	—
1115	18	0.3	91.80	13.45	6.93	0.477	+1100	BRN
	4 gal	in tubing						
Total	22 gal							

WL = Water Level

All well measurements are from the top of casing (TOC). 36.15 x 0.165 = 6 gals

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Well ID: 03C28
Site ID: ABG/OJT
Date Installed: 8/22/87
Date Developed: 4/3/04
Dev. Method: Surge & Purge
Pump Type: WATTERRIA 1/2"

Depth to Bottom (ft.): 77.2
Static WL Before (ft.): 67.39
Static WL After (ft.): DRY
Screen Length (ft.): 10
Specific Capacity: NA
Casing ID (in.): 2"Ø

Responsible Personnel: T. Rojahn / J. Goerdt
Drilling Co.: NA
Project Name: NSWC CRANE, SWMU 03
Project Number: N8383
PID Reading: Well 1.8 ppm
PID Reading: Breathing Zone 0.0 ppm

Time	Cumulative Water Volume (Gal. /L)	Flow Rate (mL/min.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units ____)	Turbidity (NTU)	Remarks (odor, color, etc.)
1500	0	–	67.39	–	–	–	–	Start purge
1505	2.0	–	77.30	16.62	7.31	0.597	–	Dry
1510	"	–	76.30	–	–	–	–	Recharge
1517	"	–	75.30	–	–	–	–	Recharge
1520	"	–	74.38	–	–	–	–	RECHARGE
1523	2.5	–	Dry	16.26	6.65	0.582	258	lt. brown
1528	"	–	77.12	–	–	–	–	RECHARGE
1533	"	–	76.26	–	–	–	–	"
1538	"	–	75.80	–	–	–	–	"
1539	"	–	75.80	13.81	7.30	0.568	261	CLOUDY
1541	3.0	–	DRY	–	–	–	–	END DEV.

WL = Water Level

All well measurements are from the top of casing (TOC). 9.81 x 0.163 = 1.6 gal

GROUNDWATER SAMPLE LOG SHEETS

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NSWC Crane, SWMU 03
Project No.: N8383

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 03GW0101
Sample Location: 03-01
Sampled By: J. Gerardt
C.O.C. No.: 3609/3610
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other NA
Date: 4-4-04								
Time: 1550								
Method: Bladder	Clear	6.84	.748	12.78	0.85	6.61	232.3	—

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date: 4-4-04								
Method: Bladder								
Monitor Reading (ppm): —								
Well Casing Diameter & Material Type: 2" PVC			See Low Flow Purge Data Sheets					
Total Well Depth (TD): 58.54								
Static Water Level (WL): 46.08								
One Casing Volume(gal/L): 7.69								
Start Purge (hrs): 1455								
End Purge (hrs): 1546								
Total Purge Time (min): 50								
Total Vol. Purged (gal/L): 10								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles SW-846 8260B	4°C/HCl	(3) 40ml Vails	Yes
Explosives SW-846 8330	4°C	(2) L Glass Amber	Yes
Total Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes
Diss. Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes No
Perchlorate	4°C	(1) L HDPE	Yes No

OBSERVATIONS / NOTES:

58.54
46.08
12.46 (.163) = 2.030
7.69 L

Circle if Applicable:

MS/MSD —

Duplicate ID No.: —

Signature(s):

Tetra Tech NUS, Inc.

LOW FLOW PURGE DATA SHEET

PROJECT SITE NAME: NSWC CRANE, SWMU 03
PROJECT NUMBER: N8383, CTO 0311

WELL ID.: 03-01
DATE: 4-4-04

Time (Hrs)	Water Level (Ft. Below TOC)	Volume (mL/Min.)	Flowrate (mL/Min.)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celsius)	ORP (mV)	Comments (Volume & Color)
1455	46.08	–	–	–	–	–	–	–	–	Start purge
1505	46.15	~~8.0~~ 12.0	200	6.84	.744	10	6.65	13.01	212.1	clear
1515	46.14	~~8.0~~ 14.0	200	6.85	.750	5.0	6.61	13.09	210.9	"
1525	46.16	6.0	200	6.84	.752	4.0	6.65	12.94	220.4	"
1535	46.12	8.0	200	6.84	.753	1.7	6.64	12.98	227.2	"
1545	46.10	10.0	200	6.84	.748	0.85	6.61	12.78	232.3	Stop purge

Water Quality Meter (SN) 99K0055AE
Control Box type (SN) MP101550
Turbidity Meter (SN) 1139-1699

Pump Intake Depth Below TOC 50'

SIGNATURE(S)

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NSWC Crane, SWMU 03
Project No.: N8383

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 03GW0702
Sample Location: 03-07
Sampled By: T. ROJAHN
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other NA
Date: 4/24/04								
Time: 1553								
Method: Peristaltic	CLEAR	6.63	0.608	11.54	4.07	4.92	195	—

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date: 4/24/04								
Method: SAME								
Monitor Reading (ppm): —								
Well Casing Diameter & Material Type: 2" Ø PVC			See Low Flow Purge Data Sheets					
Total Well Depth (TD): 28.35								
Static Water Level (WL): 11.70								
One Casing Volume(gal/L): 10.3								
Start Purge (hrs): 1410								
End Purge (hrs): 1550								
Total Purge Time (min): 100								
Total Vol. Purged (gal/L): 12								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles SW-846 8260B	4°C/HCl	(3) 40ml Vails	Yes
Explosives SW-846 8330	4°C	(2) L Glass Amber	Yes
Total Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes
Diss. Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes/No
Perchlorate	4°C	(1) L HDPE	Yes/No

OBSERVATIONS / NOTES:

28.35 - 11.70 = 16.65 x 0.163 = 2.7 gal or 10.3 L

Circle if Applicable:

MS/MSD: —

Duplicate ID No.: FD0424040 1 all But Perchlorate

Signature(s): Terry Rojahn

Tetra Tech NUS, Inc.

LOW FLOW PURGE DATA SHEET

PROJECT SITE NAME: NSWC CRANE, SWMU 03
PROJECT NUMBER: N8383, CTO 0311

WELL ID.: 03-07
DATE: 4/22/04

Time (Hrs.)	Water Level (Ft. below TOC)	Volume (mL/Min.)	Flowrate (mL/Min.)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celsius)	ORP (mV)	Comments (Volume & Color)
1410	11.70	0	–	–	–	–	–	–	–	START PURGE
1420	11.74	1200	120	6.85	1.325	25.4	1.23	12.46	114	CLEAR
1430	11.78	2400	120	6.70	0.797	16.5	1.79	12.18	123	CLEAR
1440	11.79	3600	120	6.68	0.685	14.3	1.98	12.14	129	CLEAR
1450	11.80	4800	120	6.67	0.663	12.9	2.55	12.02	134	CLEAR
1500	11.81	6000	120	6.65	0.646	10.74	3.35	11.83	139	CLEAR
1510	11.82	7200	120	6.65	0.631	7.23	3.73	11.82	141	CLEAR
1520	11.83	8400	120	6.64	0.623	5.03	4.29	11.82	142	CLEAR
1530	11.84	9600	120	6.64	0.613	3.99	4.82	11.54	144	CLEAR
1540	11.86	10800	120	6.63	0.609	3.78	4.97	11.58	145	CLEAR
1550	11.87	12000	120	6.63	0.608	4.07	4.92	11.54	145	CLEAR
1553	→								→	SAMPLE TIME

Water Quality Meter (SN)
Control Box type (SN) 403
Turbidity Meter (SN) 1139-1699

Pump Intake Depth Below TOC 23'

SIGNATURE(S): [illegible]

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NSWC Crane, SWMU 03
Project No.: N8383

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 03GW0901
Sample Location: 03-09
Sampled By: J. Goerdt
C.O.C. No.: 3611
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other NA
Date: 4-7-04								
Time: 1105								
Method: Bladder	Clear	6.9	1.003	13.28	1.89	1.89	97.9	—

PURGE DATA:

on 5

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date: 4-7-04								
Method: Bladder								
Monitor Reading (ppm): —								
Well Casing Diameter & Material								
Type: 2" PVC			See Low Flow Purge Data Sheets					
Total Well Depth (TD): 83.1								
Static Water Level (WL): 67.5								
One Casing Volume(gal/L): 9.6								
Start Purge (hrs): 0932								
End Purge (hrs): 1102								
Total Purge Time (min): 90								
Total Vol. Purged (gal/L): 10.8								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles SW-846 8260B	4°C/HCl	(3) 40ml Vails	Yes
Explosives SW-846 8330	4°C	(2) L Glass Amber	Yes
Total Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes
Diss. Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes/No
Perchlorate	4°C	(1) L HDPE	Yes/No

OBSERVATIONS / NOTES:

83.1
67.5
15.6 (.163) = 2.54 gal
= 9.63 L

5' sump

Circle if Applicable:

MS/MSD —

Duplicate ID No.: —

Signature(s):

Tetra Tech NUS, Inc.

LOW FLOW PURGE DATA SHEET

PROJECT SITE NAME: NSWC CRANE, SWMU 03
PROJECT NUMBER: N8383, CTO 0311

WELL ID.: 03-09
DATE: 4-7-04

Time (Hrs)	Water Level (Ft. below TOC)	Volume (mL/Min)	Flowrate (mL/Min)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celsius)	ORP (mV)	Comments (Volume & Color)
0932	67.50	—	—	—	—	—	—	—	—	Start Purge
0942	69.10	1.2	120	6.90	1.007	12.5	4.10	13.40	233.0	Clear
0952	68.08	2.4	120	6.91	1.005	12.3	3.27	13.37	231.8	"
1002	68.25	3.6	120	6.89	1.011	5.66	3.18	13.45	238.8	"
1012	68.79	4.8	120	6.89	1.009	4.82	2.69	13.44	247.8	"
1022	68.82	6.0	120	6.89	1.019	4.44	2.59	13.42	247.6	"
1032	69.08	7.2	120	6.89	1.013	3.09	2.30	13.57	234.9	"
1042	62.23	8.4	120	6.89	1.008	2.76	2.05	13.40	151.3	"
1052	69.37	9.6	120	6.90	1.004	2.14	2.04	13.26	112.3	"
1102	69.45	10.8	120	6.90	1.003	1.58	1.89	13.28	97.9	Stop Purge

Water Quality Meter (SN) 99K0055 46
Control Box type (SN) MP10-1550
Turbidity Meter (SN) 1139-1699

Pump Intake Depth Below TOC 73'

SIGNATURE(S): [illegible]

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NSWC Crane, SWMU 03
Project No.: N8383

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 03GW1202
Sample Location: 03-12
Sampled By: T. ROJAHN
C.O.C. No.: 3619
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other NA
Date: 04-18-04								
Time: 1030								
Method: SAME	CLEAR	6.40	0.275	15.22	1.69	6.38	268	—

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date: 04-18-04								
Method: PERISTALTIC								
Monitor Reading (ppm): —								
Well Casing Diameter & Material								
Type: 2" ø PVC			See Low Flow Purge Data Sheets					
Total Well Depth (TD): 29.40								
Static Water Level (WL): 16.48								
One Casing Volume(gal/L) 8								
Start Purge (hrs): 0905								
End Purge (hrs): 1025								
Total Purge Time (min): 80								
Total Vol. Purged (gal/L) 8.3								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles SW-846 8260B	4°C/HCl	(3) 40ml Vails	Yes
Explosives SW-846 8330	4°C	(2) L Glass Amber	Yes
Total Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes
Diss. Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes/No
Perchlorate	4°C	(1) L HDPE	Yes/No

OBSERVATIONS / NOTES:

12.92' x 0.163 = 2.1 gal or 8 L

Circle if Applicable:

MS/MSD — Duplicate ID No.:

Signature(s): [illegible]

Tetra Tech NUS, Inc.

LOW FLOW PURGE DATA SHEET

PROJECT SITE NAME: NSWC CRANE, SWMU 03
PROJECT NUMBER: N8383, CTO 0311

WELL ID.: 03-12
DATE: 04-18-04

Time (Hrs)	Water Level (Ft. below TOC)	Volume (mL/Min.)	Flowrate (mL/Min.)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celsius)	ORP (mV)	Comments (Volume & Color)
0905	16.48	0	–	–	–	–	–	–	–	START PURGE
0915	16.75	1000	100	6.57	0.292	8.98	7.17	13.95	199	CLEAR
0925	17.27	2200	120	6.54	0.288	5.40	7.97	13.57	211	CLEAR
0935	17.56	3300	110	6.51	0.284	4.44	7.08	13.73	221	CLEAR
0945	17.68	4300	100	6.42	0.282	3.28	7.66	14.44	233	CLEAR
0955	17.76	5300	100	6.42	0.276	2.23	6.41	14.43	243	CLEAR
1005	17.75	6300	100	6.43	0.276	2.31	6.22	14.85	251	CLEAR
1015	17.78	7300	100	6.38	0.274	2.13	6.38	15.11	261	CLEAR
1020	17.79	7800	100	6.39	0.275	1.74	6.30	15.27	266	CLEAR
1025	17.81	8300	100	6.40	0.275	1.69	6.38	15.22	268	CLEAR
1030										Start Sampling

Water Quality Meter (SN): 99K0055 AE
Control Box type (SN): 403
Turbidity Meter (SN): 1139-1699

Pump Intake Depth Below TOC: CENTER OF SCREEN

SIGNATURE(S): Terry Royal

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NSWC Crane, SWMU 03
Project No.: N8383

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 03GW1502
Sample Location: 03-15
Sampled By: T. ROJAHN
C.O.C. No.: 3619
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Date: 4-18-03 04								
Time: 1440								
Method: SAME	CLEAR	6.09	0.393	16.98	7.77	5.94	+452	—

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date: 4-18-03 04								
Method: PERISTALTIC								
Monitor Reading (ppm): —								
Well Casing Diameter & Material								
Type: 2" Ø PVC			See Low Flow Purge Data Sheets					
Total Well Depth (TD): 32.10								
Static Water Level (WL): 17.95								
One Casing Volume(gal/L): 8.7								
Start Purge (hrs): 1305								
End Purge (hrs): 1435								
Total Purge Time (min): 90								
Total Vol. Purged (gal/L): 9.3								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements		Collected
Volatiles SW-846 8260B	4°C/HCl	3X	(3) 40ml Vails	Yes
Explosives SW-846 8330	4°C	3X	(2) L Glass Amber	Yes
Total Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	3X	(1) L HDPE	Yes
Diss. Metals SW-846 6020/Mercury 7470A	4°C/HNO_3		(1) L HDPE	Yes/No
Perchlorate	4°C	3X	(1) L HDPE	Yes/No

OBSERVATIONS / NOTES:

14.15 x 0.163 = 2.3 gal or 8.7 L

Circle if Applicable:

MS/MSD: Yes

Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

LOW FLOW PURGE DATA SHEET

PROJECT SITE NAME: NSWC CRANE, SWMU 03
PROJECT NUMBER: N8383, CTO 0311

WELL ID.: 03-15
DATE: 4-18-04

Time (Hrs)	Water Level (Ft. below TOC)	Volume (mL/Min)	Flowrate (mL/Min)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celsius)	ORP (mV)	Comments (Volume & Color)
1305	17.95	0	–	–	–	–	–	–	–	START PURGE
1315	18.06	1300	1300	6.10	0.258	71.6	10.03	17.37	164	V. SL. CLOUDY
1325	18.07	2300	100	6.09	0.311	43.8	5.52	17.71	243	CLEAR
1335	18.08	3300	100	6.11	0.335	30.7	6.20	17.52	298	CLEAR
1345	18.09	4300	100	6.13	0.359	15.3	6.49	17.43	344	CLEAR
1355	18.10	5300	100	6.13	0.368	12.5	5.60	17.35	374	CLEAR
1405	18.11	6300	100	6.12	0.377	10.66	5.41	17.32	399	CLEAR
1415	18.11	7300	100	6.13	3.385	8.83	5.78	17.12	415	CLEAR
1425	18.11	8300	100	6.14	0.390	7.54	5.62	16.79	428	CLEAR
1430	18.11	8800	100	6.14	0.395	6.17	5.92	17.12	434	CLEAR
1435	18.11	9300	100	6.09	0.393	9.77	5.94	16.98	452	CLEAR
1440										SAMPLE TIME

Water Quality Meter (SN) 99K0055 AE
Control Box type (SN) 403
Turbidity Meter (SN) 1139-1699

Pump Intake Depth Below TOC

SIGNATURE(S): [signature]

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NSWC Crane, SWMU 03
Project No.: N8383

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 03GW1601
Sample Location: 03-16
Sampled By: J. Gerdt
C.O.C. No.: 3612
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other NA
Date: 4-8-04								
Time: 1857								
Method: Bladder	Clear	7.57	0.238	11.99	9.5	11.22	251.6	—

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date: 4-8-04								
Method: Bladder								
Monitor Reading (ppm): —								
Well Casing Diameter & Material Type: 2" PVC			See Low Flow Purge Data Sheets					
Total Well Depth (TD): 42.55								
Static Water Level (WL): 29.13								
One Casing Volume(gal/L): 8.3								
Start Purge (hrs): 1715								
End Purge (hrs): 1855								
Total Purge Time (min): 100								
Total Vol. Purged (gal/L): 9.9								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles SW-846 8260B	4°C/HCl	(3) 40ml Vails	Yes
Explosives SW-846 8330	4°C	(2) L Glass Amber	Yes
Total Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes
Diss. Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes/No
Perchlorate	4°C	(1) L HDPE	Yes/No

OBSERVATIONS / NOTES:

42.55
29.13
13.42 (.163) = 2.19 gal
= 8.28 L

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):
—	—	[signature]

Tetra Tech NUS, Inc.

LOW FLOW PURGE DATA SHEET

PROJECT SITE NAME: NSWC CRANE, SWMU 03
PROJECT NUMBER: N8383, CTO 0311

WELL ID.: 03-16
DATE: 4-8-04

Time (Hrs.)	Water Level (Ft. below TOC)	Volume (~~mL/Min.~~ L)	Flowrate (mL/Min.)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celsius)	ORP (mV)	Comments (Volume & Color)
1715	29.13	—	—	—	—	—	—	—	—	Start purge
1725	29.32	0.9	90	7.51	0.251	84.5	11.28	12.74	192.5	sl. cloudy
1735	29.35	1.9	100	7.51	0.250	52.8	11.44	12.66	208.1	"
1745	29.38	2.9	100	7.53	0.250	47.6	11.48	12.48	219.7	"
1755	29.40	3.9	100	7.53	0.247	33.6	11.57	12.36	231.8	"
1805	29.43	4.9	100	7.53	0.246	28.7	11.39	12.31	236.8	"
1815	29.45	5.9	100	7.54	0.244	21.0	11.35	12.23	240.7	clear
1825	29.46	6.9	100	7.55	0.243	16.2	11.29	12.22	244.2	"
1835	29.48	7.9	100	7.56	0.240	12.9	11.31	12.07	248.8	"
1845	29.50	8.9	100	7.57	0.240	11.5	11.27	12.04	249.5	"
1850	29.51	9.4	50	7.57	0.239	10.6	11.27	12.00	250.7	"
1855	29.51	9.9	50	7.57	0.238	9.5	11.22	11.99	251.6	"

Water Quality Meter (SN) 99K000554E
Control Box type (SN) MP10-1550
Turbidity Meter (SN) 1139-1699

Pump Intake Depth Below TOC 34'

SIGNATURE(S): [illegible]

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NSWC Crane, SWMU 03
Project No.: N8383

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 036W2101
Sample Location: 03-21
Sampled By: J. Goerdt
C.O.C. No.: 3612
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other NA
Date: 4/8/04								
Time: 1613								
Method: Peristaltic	Clear	6.45	0.422	12.19	4.04	8.21	480	–

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date: 4/8/04								
Method: Peristaltic								
Monitor Reading (ppm): –								
Well Casing Diameter & Material Type: 2" ø PVC			See Low Flow Purge Data Sheets					
Total Well Depth (TD): 30.00								
Static Water Level (WL): 18.94								
One Casing Volume(gal/L): 1.8								
Start Purge (hrs): 1513								
End Purge (hrs): 1609								
Total Purge Time (min): 50								
Total Vol. Purged (gal/L): 8.0								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles SW-846 8260B	4°C/HCl	(3) 40ml Vails	Yes
Explosives SW-846 8330	4°C	(2) L Glass Amber	Yes
Total Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes
Diss. Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes/No
Perchlorate	4°C	(1) L HDPE	Yes/No

OBSERVATIONS / NOTES:

11.06' x 0.163 = 1.8 gal or 6.8 L

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Terry Goerdt

Tetra Tech NUS, Inc.

LOW FLOW PURGE DATA SHEET

PROJECT SITE NAME: NSWC CRANE, SWMU 03
PROJECT NUMBER: N8383, CTO 0311

WELL ID.: 03-21
DATE: 4/8/04

Time (Hrs.)	Water Level (Ft. below TOC)	Volume (mL/Min.)	Flowrate (mL/Min.)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celsius)	ORP (mV)	Comments (Volume & Color)
1519	18.94	0	0	—	—	—	—	—	-	Start Purge
1529	18.94	1600	160	6.71	0.429	7.66	9.09	12.63	312	CLEAR
1539	18.94	3200	160	6.54	0.425	5.77	8.63	12.18	399	CLEAR
1549	18.94	4800	160	6.52	0.424	4.84	8.33	12.23	438	CLEAR
1559	18.94	6400	160	6.48	0.421	4.32	8.15	12.22	464	"
1609	18.94	8000	160	6.45	0.422	4.04	8.21	12.19	480	Stop Purge

Water Quality Meter (SN): 98H1750
Control Box type (SN): 403
Turbidity Meter (SN): 3106-1402
SIGNATURE(S): [illegible]

Pump Intake Depth Below TOC: 25'

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NSWC Crane, SWMU 03
Project No.: N8383

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 036W2402
Sample Location: 03-24
Sampled By: T. ROJAHN
C.O.C. No.: 3611
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other NA
Date: 4/8/04								
Time: 1225								
Method: Bladder	Yel. Green	6.94	0.461	12.14	9.62	6.09	473	—

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date: 4/8/04								
Method: Bladder								
Monitor Reading (ppm): —								
Well Casing Diameter & Material								
Type: 2" ϕ PVC			See Low Flow Purge Data Sheets					
Total Well Depth (TD): 59.80								
Static Water Level (WL): 49.31								
One Casing Volume(gal/L): 6.5								
Start Purge (hrs): 1020								
End Purge (hrs): 1220								
Total Purge Time (min): 120								
Total Vol. Purged (gal/L): 15.6								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles SW-846 8260B	4°C/HCl	(3) 40ml Vails	Yes
Explosives SW-846 8330	4°C	(2) L Glass Amber	Yes
Total Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes
Diss. Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes/No
Perchlorate	4°C	(1) L HDPE	Yes/No

OBSERVATIONS / NOTES:

Bottom of screen 54.64
Bottom of well 59.80
(Assume a sump)

54.64
−49.31
5.33 Ht. of H_2O in screen

10.49
×0.163
1.7 gal or
6.5 L

Circle if Applicable:

MS/MSD —

Duplicate ID No.: —

Signature(s): Tey Rojahn

Tetra Tech NUS, Inc.

LOW FLOW PURGE DATA SHEET

PROJECT SITE NAME: NSWC CRANE, SWMU 03
PROJECT NUMBER: N8383, CTO 0311

WELL ID.: 03-24
DATE: 4/8/04

Time (Hrs)	Water Level (Ft below TOC)	Volume (mL/Min)	Flowrate (mL/Min)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celsius)	ORP (mV)	Comments (Volume & Color)
1020	49.31	0	0	–	–	–	–	–	–	Start Purge
1030	49.33	1300	130	7.14	0.474	129	6.78	11.34	263	Yellow Green (DYE)
1040	49.33	2600	130	7.17	0.461	73.1	6.44	11.05	295	" " "
1050	49.33	3900	130	7.16	0.460	51.7	6.32	11.29	317	" " "
1100	49.33	5200	130	7.16	0.457	36.3	6.17	11.47	332	" " "
1110	49.35	6500	130	7.10	0.457	26.4	6.12	11.66	357	" " "
1120	49.35	7800	130	7.03	0.458	20.9	6.11	11.70	388	" " "
1130	49.35	9100	130	7.00	0.458	16.8	6.10	11.75	408	" " "
1140	49.34	10400	130	6.94	0.463	14.7	6.09	11.98	432	" " "
1150	49.34	11700	130	6.94	0.466	13.3	6.07	12.14	445	" " "
1200	49.34	13000	130	6.87	0.467	16.8	6.09	12.24	464	" " "
1210	49.34	14300	130	6.92	0.465	13.1	6.10	12.18	472	" " "
1220	49.34	15600	130	6.94	0.461	14.8	6.09	12.14	473	" " "
1225	–	–	–	–	–	*962	–	–	–	SAMPLE TIME

Water Quality Meter (SN) 98H1750
Control Box type (SN) MP10-1590
Turbidity Meter (SN) 3106-1402

Pump Intake Depth Below TOC 52'

* CHECK Turbidity direct (by pass Flow Cell)

SIGNATURE(S): Terry Ogle

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NSWC Crane, SWMU 03
Project No.: N8383

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 03GW31012 (~~03GW~~ STAT)
Sample Location: ~~03-GW~~ 03-31
Sampled By: T. ROJAHN
C.O.C. No.: 3611
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other NA
Date: 4/7/04								
Time: 1008								
Method: BLADDER	CLEAR	8.01	0.209	11.88	1.73	8.99	+399	—

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date: 4/6/04								
Method: BLADDER								
Monitor Reading (ppm): —								
Well Casing Diameter & Material								
Type: 2" Φ PVC			See Low Flow Purge Data Sheets					
Total Well Depth (TD): →	45.87							
Static Water Level (WL): →	37.64							
One Casing Volume(gal/L): 5.1								
Start Purge (hrs): 1424								
End Purge (hrs): 1559								
Total Purge Time (min): 95								
Total Vol. Purged (gal/L): 7.5								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles SW-846 8260B	4°C/HCl	(3) 40ml Vails	Yes
Explosives SW-846 8330	4°C	(2) L Glass Amber	Yes
Total Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes
Diss. Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes/No
Perchlorate	4°C	(1) L HDPE	Yes/No

OBSERVATIONS / NOTES:

WELL CONST. IS UNKNOWN (i.e. IF HAS A SUMP OR NOT); ASSUME a 5' SUMP - WILL PLACE PUMP INTAKE @ 40' BELOW TOP OF RISER

8.23' x 0.163 = 5.1

Circle if Applicable:

MS/MSD — Duplicate ID No.: —

Signature(s): [signature]

Tetra Tech NUS, Inc.

LOW FLOW PURGE DATA SHEET

PROJECT SITE NAME: NSWC CRANE, SWMU 03
PROJECT NUMBER: N8383, CTO 0311

WELL ID.: 03-31
DATE: 4/6/04

Time (Hrs.)	Water Level (Ft. below TOC)	Volume (mL/Min.)	Flowrate (mL/Min.)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celsius)	ORP (mV)	Comments (Volume & Color)
1424	37.64	0	—	—	—	—	—	—	—	START PURGE
1434	38.09	1500	150	8.11	0.210	5.57	9.41	11.74	251	CLEAR
1444	38.25	2200	70	8.07	0.205	5.36	9.29	12.71	303	"
1454	38.41	2900	70	8.15	0.196	4.51	9.20	12.15	326	"
1504	38.57	3600	70	8.07	0.200	3.94	9.13	12.20	342	"
1514	38.75	4300	70	8.02	0.203	3.66	9.07	12.26	356	"
1524	39.00	5000	70	7.89	0.207	2.44	9.06	12.17	373	"
1534	39.26	5700	70	7.85	0.214	2.03	9.04	12.17	390	"
1544	39.55	6400	70	7.88	0.214	1.55	9.00	12.01	393	"
1554	39.85	7100	70	8.01	0.209	1.73	8.99	11.88	399	"
1559	—	7450	—	—	—	—	—	—	—	WATER LEVEL @ PUMP INTAKE
										WELL SAMPLE 4/7/04.
										ALSO BURNING OPS IN
										PROGRESS & WELL IS
										DOWN WIND.

Water Quality Meter (SN) 98H1750
Control Box type (SN) MP10-1590
Turbidity Meter (SN) 3106-1402

Pump Intake Depth Below TOC ~ 40'

SIGNATURE(S): Ty Rogers

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NSWC Crane, SWMU 03
Project No.: N8383

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: GW 03Y3301
Sample Location: 03-33
Sampled By: J. Goerdt
C.O.C. No.: 3610
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other NA
Date: 4-6-04								
Time: 1000								
Method: Bladder	Clear	7.37	1.166	11.79	15.0	12.93	226.5	—

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date: 4-5-04								
Method: Bladder								
Monitor Reading (ppm): —								
Well Casing Diameter & Material								
Type: 2" PVC			See Low Flow Purge Data Sheets					
Total Well Depth (TD): 43.33								
Static Water Level (WL): 36.63								
One Casing Volume(gal/L): 4.13								
Start Purge (hrs): 0925								
End Purge (hrs): 1045								
Total Purge Time (min): 80								
Total Vol. Purged (gal/L): 11.2								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles SW-846 8260B	4°C/HCl	(3) 40ml Vails	Yes
Explosives SW-846 8330	4°C	(2) L Glass Amber	Yes
Total Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes
Diss. Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes/No
Perchlorate	4°C	(1) L HDPE	Yes/No

OBSERVATIONS / NOTES:

43.33 Sampled 4-6-04
36.63 Purge 4-5-04
6.70 (.163) = 1.09 gal
= 4.13 L

Assuming a 5' sump. Pump placed @ depth of 38.33 (top of pump). Well screen bottom @ 38.33

Circle if Applicable

MS/MSD	Duplicate ID No.:
—	—

Signature(s): J. Goerdt

Tetra Tech NUS, Inc.

LOW FLOW PURGE DATA SHEET

PROJECT SITE NAME: NSWC CRANE, SWMU 03
PROJECT NUMBER: N8383, CTO 0311

WELL ID.: 03-33
DATE: 4-5-04

Time (Hrs)	Water Level (Ft. below TOC)	Volume (~~mL/Min~~ L)	Flowrate (mL/Min)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celsius)	ORP (mV)	Comments (Volume & Color)
0925	36.63	–	–	–	–	–	–	–	–	Start purge
0935	36.85	1.6	160	7.32	1.139	24	10.47	10.79	234.6	Clear
0945	37.12	3.2	160	7.36	1.149	21	11.80	10.72	227.0	"
0955	37.46	4.8	160	7.37	1.149	18	12.27	10.90	227.7	"
1005	37.95	6.4	160	7.37	1.157	15	12.39	11.09	229.5	" pump lowered to
1015	38.63	8.0	160	7.35	1.166	18	12.12	11.49	224.7	← 39'
1020	38.69	8.8	80	7.34	1.165	29	12.68	11.66	224.0	Clear
1025	38.74	9.6	80	7.34	1.170	24	12.24	11.87	225.3	"
1035	39.03	11.2	160	7.37	1.166	30	12.93	11.79	226.5	pump ~~shutdown~~ off
1045	39.74	–	–	–	–	–	–	–	–	allowing well
~~1055~~	–	–	–	–	–	–	–	–	–	to recover.
1100	39.49	–	–	–	–	–	–	–	–	Stop purge

Water Quality Meter (SN) 99K0055 AE
Control Box type (SN) MP10-1550
Turbidity Meter (SN) 1139.1699

Pump Intake Depth Below TOC 38.33

SIGNATURE(S): [illegible]

PAGE 1 OF 1

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NSWC Crane, SWMU 03
Project No.: N8383

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 03GW3801
Sample Location: 03-38
Sampled By: J. Goerdt
C.O.C. No.: 3609/3610
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other NA
Date: 4-4-04								
Time: 1404								
Method: Bladder	Clear	6.7	.535	13.55	9.8	7.98	251.4	—

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date: 4-4-04								
Method: Bladder	12.0L							
Monitor Reading (ppm): —								
Well Casing Diameter & Material								
Type: 2" PVC			See Low Flow Purge Data Sheets					
Total Well Depth (TD): 60.18								
Static Water Level (WL): 46.54								
One Casing Volume(gal/L): 8.43								
Start Purge (hrs): 1257								
End Purge (hrs): 1358								
Total Purge Time (min): 61								
Total Vol. Purged (gal/L): 12.0								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles SW-846 8260B	4°C/HCl	(3) 40ml Vails	Yes
Explosives SW-846 8330	4°C	(2) L Glass Amber	Yes
Total Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes
Diss. Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes/No
Perchlorate	4°C	(1) L HDPE	Yes/No

OBSERVATIONS / NOTES:

60.18
46.54
13.64 (.163) = 2.2 gal
= 8.43 L

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

LOW FLOW PURGE DATA SHEET

PROJECT SITE NAME: NSWC CRANE, SWMU 03
PROJECT NUMBER: N8383, CTO 0311

WELL ID.: 03-38
DATE: 4-4-04

Time (Hrs.)	Water Level (Ft. below TOC)	Volume (mL/Min.)	Flowrate (mL/Min.)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celsius)	ORP (mV)	Comments (Volume & Color)
1257	46.54	8m	–	–	–	–	–	–	–	Start purge
1307	46.58	2000	200	6.69	0.544	500	7.78	13.56	243.3	lt. Brown
1317	46.55	4000	200	6.72	0.550	340	7.79	13.68	245.3	Cloudy
1327	46.57	6000	200	6.70	0.543	75	7.85	13.57	247.4	"
1337	46.58	8000	200	6.70	0.541	21	7.86	13.79	248.6	Clear
1347	46.55	10000	200	6.70	0.539	13	7.91	13.77	248.6	"
1358	46.56	12000	200	6.70	0.535	9.8	7.98	13.55	251.4	Stop purge

Water Quality Meter (SN) 99K055AE
Control Box type (SN) MPIO 1550
Turbidity Meter (SN) 1139-1699

Pump Intake Depth Below TOC 52'

SIGNATURE(S):

PAGE 1 OF 1

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NSWC Crane, SWMU 03
Project No.: N8383

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 03GW3901
Sample Location: 03-39
Sampled By: T. ROJAHN
C.O.C. No.: 3639
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other NA
Date: 4/22/04								
Time: 1110								
Method: BLADDER	CLEAR	7.20	0.430	13.14	8.35	6.95	+196	—

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date: 4/22/04								
Method: BLADDER								
Monitor Reading (ppm):								
Well Casing Diameter & Material Type: 2" ø PVC			See Low Flow Purge Data Sheets					
Total Well Depth (TD): 57.93								
Static Water Level (WL): 44.6								
One Casing Volume(gal/L): 8.3								
Start Purge (hrs): 0947								
End Purge (hrs): 1107								
Total Purge Time (min): 80								
Total Vol. Purged (gal/L): 16								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements		Collected
Volatiles SW-846 8260B	4°C/HCl	2 x	(3) 40ml Vails	Yes
Explosives SW-846 8330	4°C	2 x	(2) L Glass Amber	Yes
Total Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	2 x	(1) L HDPE	Yes
Diss. Metals SW-846 6020/Mercury 7470A	4°C/HNO_3		(1) L HDPE	Yes No
Perchlorate	4°C		(1) L HDPE	Yes No

OBSERVATIONS / NOTES:

13.33' x 0.163 = 2.2 gal OR 8.3 L

Circle if Applicable:

MS/MSD: —

Duplicate ID No.: FD042204 03 (Soils are 01 & 02 DUPS)

Signature(s): [signature]

Tetra Tech NUS, Inc.

LOW FLOW PURGE DATA SHEET

PROJECT SITE NAME: NSWC CRANE, SWMU 03
PROJECT NUMBER: N8383, CTO 0311

WELL ID.: 03-39
DATE: 4/22/04

Time (Hrs)	Water Level (Ft. below TOC)	Volume (mL/Min.)	Flowrate (mL/Min.)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celsius)	ORP (mV)	Comments (Volume & Color)
0947	44.60	–	–	–	–	–	–	–	–	Start purge
0957	44.62	2000	200	7.38	0.371	65.5	8.39	13.12	+196	V. Sl. cloudy
1007	44.62	4000	200	7.35	0.377	46.3	7.10	13.13	+197	CLEAR
1017	44.62	6000	200	7.33	0.398	36.7	7.09	13.07	+197	CLEAR
1027	44.62	8000	200	7.31	0.413	22.8	7.10	13.03	+196	CLEAR
1037	44.62	10000	200	7.30	0.425	15.2	7.09	13.06	+195	CLEAR
1047	44.62	12000	200	7.28	0.432	12.0	7.08	13.09	+195	CLEAR
1057	44.62	14000	200	7.24	0.432	10.32	6.95	13.16	+195	CLEAR
1107	44.62	16000	200	7.20	0.430	8.35	6.95	13.14	+196	CLEAR
1110										Start sampling

Water Quality Meter (SN) 99K0055AE
Control Box type (SN) MP10-1590
Turbidity Meter (SN) 1139-1699

Pump Intake Depth Below TOC ~53'

SIGNATURE(S): [illegible]

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NSWC Crane, SWMU 03
Project No.: N8383

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 03GWC01P201
Sample Location: 03C01P2
Sampled By: J. Goevda
C.O.C. No.: 3610
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other NA
Date: 4-6-04								
Time: 0856								
Method: Bladder	Clear	7.61	0.670	13.48	7.79	0.79	-97.5	—

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date: 4-5-04/4-6-04								
Method: Bladder								
Monitor Reading (ppm): —								
Well Casing Diameter & Material Type: 2" PVC			See Low Flow Purge Data Sheets					
Total Well Depth (TD): 104.5								
Static Water Level (WL): 70.09								
One Casing Volume(gal/L): 21.23								
4-5-04 Start Purge (hrs): 1341								
4-6-04 End Purge (hrs): 0855								
Total Purge Time (min): 130								
Total Vol. Purged (gal/L): 26.6								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles SW-846 8260B	4°C/HCl	(3) 40ml Vails	Yes
Explosives SW-846 8330	4°C	(2) L Glass Amber	Yes
Total Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes
Diss. Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes/No
Perchlorate	4°C	(1) L HDPE	Yes/No

OBSERVATIONS / NOTES:

104.5
70.9
34.41 (.163) = 5.61 gal
= 21.23 L

Turbidity checked during sampling

Screen interval is 10'. No sump indicated.

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):
—	—	[signature]

Tetra Tech NUS, Inc.

LOW FLOW PURGE DATA SHEET

PROJECT SITE NAME: NSWC CRANE, SWMU 03
PROJECT NUMBER: N8383, CTO 0311

WELL ID.: 03C01P2
DATE: 4-5-04/4-6-04

	Time (Hrs.)	Water Level (Ft. below TOC)	Volume (mL/Min.)	Flowrate (mL/Min.)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celsius)	ORP (mV)	Comments (Volume & Color)
4/5/04	1341	70.09	–	–	–	–	–	–	–	–	Start purge
	1351	71.10	1.2	120	11.90	1.643	55	7.22	14.58	-51.6	Clear
	1401	71.25	2.4	120	11.63	1.308	63	4.82	14.53	-54.8	"
	1411	71.30	3.6	120	11.59	0.988	80	4.40	14.54	-63.7	"
	1421	70.17	6.6	300	10.03	0.367	120	2.03	14.10	-37.6	"
	1431	70.21	9.6	300	9.17	0.459	100	1.57	14.13	-25.8	"
	1441	70.23	12.6	300	8.88	0.516	75	1.43	14.14	-35.0	"
	1451		15.6	300	–	*away	from	meter		–	–
	1501	70.15	18.6	300	7.62	0.654	40	0.78	14.10	-138.9	Clear
	1511	70.12	21.6	300	7.57	0.667	27	0.82	14.55	-140.4	"
	1521	70.11	23.6	200	7.53	0.670	22	0.79	14.55	-135.8	Stop purge. Had to evacuate ABG due to a planned burn.
4/6/04	0825	70.05	–	–	–	–	–	–	–	–	Start purge
	0835	70.05	24.6	100	8.03	0.640	76.9	2.00	13.16	19.9	Clear
	0845	70.05	25.6	100	7.93	0.639	70.2	1.58	13.36	-28.4	"
	0855	70.07	26.6	100	7.61	0.635	28.0	1.38	13.48	-97.5	"
											End purge

Water Quality Meter (SN) 99K0055AE
Control Box type (SN) MP10-1550
Turbidity Meter (SN) 1139-1699

Pump Intake Depth Below TOC 99.5'

SIGNATURE(S): [illegible]

* Assuming FOL w/ adjacent well development.

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NSWC Crane, SWMU 03
Project No.: N8383

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 03GW03P201
Sample Location: 03 C03P2
Sampled By: S. Goerdt
C.O.C. No.: 3611
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other NA
Date: 4-7-04								
Time: 1525								
Method: Bladder	Light Green	6.79	0.220	15.60	15.6	1.24	238.7	—

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date: 4-7-04								
Method: Bladder								
Monitor Reading (ppm): —								
Well Casing Diameter & Material Type: 2" PVC			See Low Flow Purge Data Sheets					
Total Well Depth (TD): 69.25								
Static Water Level (WL): 41.51								
One Casing Volume(gal/L): 17.12								
Start Purge (hrs): 1348								
End Purge (hrs): 1518								
Total Purge Time (min): 80								
Total Vol. Purged (gal/L): 15								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	MS/MSD	Collected
Volatiles SW-846 8260B	4°C/HCl	(3) 40ml Vails	Yes	Yes
Explosives SW-846 8330	4°C	(2) L Glass Amber	Yes	Yes
Total Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes	Yes
Diss. Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes	Yes/No
Perchlorate	4°C	(1) L HDPE	Yes	Yes/No

OBSERVATIONS / NOTES:

69.25
41.51
27.74 (.163) = 4.52 gal
= 17.12 L

All parameters were stable however could not get lower than 10 NTU's due to very light green color of water. Dissolved metals sample collected.

[No sump]

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	FD040704 01

Signature(s):

Tetra Tech NUS, Inc.

LOW FLOW PURGE DATA SHEET

PROJECT SITE NAME: NSWC CRANE, SWMU 03
PROJECT NUMBER: N8383, CTO 0311

WELL ID.: 03-GO3P2
DATE: 4-7-04

Time (Hrs)	Water Level (Ft. below TOC)	Volume (~~mL/Min~~ L)	Flowrate (mL/Min)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celsius)	ORP (mV)	Comments (Volume & Color)
1348	41.51	—	—	—	—	—	—	—	—	Start purge
1358	45.55	1.0	100	7.03	0.865	67.6	1.97	16.44	155.4	lt. green
1408	41.59	2.0	100	6.86	0.776	63.8	2.14	15.87	107.0	"
1418	41.55	3.0	100	6.84	0.766	33.4	1.74	16.06	146.3	"
1428	41.55	5.0	200	6.80	0.739	30.6	1.53	15.55	189.7	"
1438	41.55	7.0	200	6.78	0.734	21.2	2.19	15.63	234.6	"
1448	41.54	9.0	200	6.79	0.730	20.6	1.22	15.58	243.8	Very lt. green
1458	41.55	11.0	200	6.78	0.725	19.1	1.11	15.66	263.3	"
1508	41.56	13.0	200	6.78	0.716	17.3	1.27	15.54	243.5	
1518	41.55	15.0	200	6.79	0.720	15.6	1.24	15.60	238.7	Stop purge

Water Quality Meter (SN): 99K0055AE
Control Box type (SN): MP10-1550
Turbidity Meter (SN): 1139-1699

Pump Intake Depth Below TOC: 64'

SIGNATURE(S): [illegible]

PAGE 1 OF 1

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NSWC Crane, SWMU 03
Project No.: N8383

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 03GWC0501
Sample Location: 03C05
Sampled By: J. Goerdt
C.O.C. No.: 3611
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other NA
Date: 4-8-04								
Time: 1356								
Method: Bladder	Clear	7.43	0.455	14.18	9.77	11.76	264.2	—

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date: 4-8-04								
Method: Bladder								
Monitor Reading (ppm): —								
Well Casing Diameter & Material								
Type: 2" PVC		See Low Flow Purge Data Sheets						
Total Well Depth (TD): 45.33								
Static Water Level (WL): 34.78								
One Casing Volume(gal/L): 6.51								
Start Purge (hrs): 1235								
End Purge (hrs): 1355								
Total Purge Time (min): 80								
Total Vol. Purged (gal/L): 8.2								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles SW-846 8260B	4°C/HCl	(3) 40ml Vails	Yes
Explosives SW-846 8330	4°C	(2) L Glass Amber	Yes
Total Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes
Diss. Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes/No
Perchlorate	4°C	(1) L HDPE	Yes/No

OBSERVATIONS / NOTES:

45.33
34.78
10.55 (.163) = 1.72 gal
= 6.51 L

* ~~MS~~ → FD
for perchlorate only.

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	FD03040804 01

Signature(s):

7R

Tetra Tech NUS, Inc.

LOW FLOW PURGE DATA SHEET

PROJECT SITE NAME: NSWC CRANE, SWMU 03
PROJECT NUMBER: N8383, CTO 0311

WELL ID.: 03<05
DATE: 4-8-04

Time (Hrs)	Water Level (Ft. below TOC)	Volume ~~(mL/Min)~~ (L)	Flowrate (mL/Min)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celsius)	ORP (mV)	Comments (Volume & Color)
1235	34.78	—	—	—	—	—	—	—	—	Start purge
1245	34.86	1.2	120	7.50	0.455	21.2	11.26	14.16	211.5	Clear
1255	34.98	2.2	100	7.49	0.446	18.1	11.08	14.34	208.7	"
1305	35.11	3.2	100	7.49	0.438	29.0	11.44	13.78	200.0	"
1315	35.25	4.2	100	7.49	0.439	24.9	11.39	13.88	219.7	"
1325	35.39	5.2	100	7.47	0.442	15.9	11.61	14.02	236.6	"
1335	35.43	6.2	100	7.45	0.449	12.2	11.75	13.93	253.0	"
1345	35.59	7.2	100	7.45	0.450	10.90	11.77	14.00	255.3	"
1355	35.64	8.2	100	7.43	0.455	9.77	11.76	14.18	264.2	Stop purge

Water Quality Meter (SN) 99X00554E
Control Box type (SN) MPW-2550
Turbidity Meter (SN) 11.39-1699

Pump Intake Depth Below TOC 39'

SIGNATURE(S)

PAGE 1 OF 1

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NSWC Crane, SWMU 03
Project No.: N8383

[] Domestic Well Data
~~[X] Monitoring Well Data~~ (TS)
[] Other Well Type: SPRING
[] QA Sample Type:

Sample ID No.: 03SPAp01
Sample Location: Spring A'
Sampled By: T. Loughlin
C.O.C. No.: 3644
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 4/24/04	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1220	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Direct	CLEAR	7.78	0.183	10.45	11.2	13.89	+ 212	—

PURGE DATA:

Date: NA	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Method:	NA							
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:			See Low Flow Purge Data Sheets					
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles SW-846 8260B	4°C/HCl	(3) 40ml Vails	Yes
Explosives SW-846 8330	4°C	(2) L Glass Amber	Yes
Total Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes
Diss. Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes No
Perchlorate	4°C	(1) L HDPE	Yes No

OBSERVATIONS / NOTES:

Spring A' ~ 5" deep @ sample location

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):
—	—	[signature]

LOW FLOW PURGE DATA

NOT APPLICABLE

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NSWC Crane, SWMU 03
Project No.: N8383

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 03GW0601C
Sample Location: 03C06
Sampled By: T. ROLAHN
C.O.C. No.: 3610
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other NA
Date: 4/6/04								
Time: 1215								
Method: Bladder	CLEAR	6.91	0.527	13.73	3.47	3.81	462	—

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date: 4-6-03								
Method: BLADDER								
Monitor Reading (ppm): —								
Well Casing Diameter & Material								
Type: 2"Ø PVC			See Low Flow Purge Data Sheets					
Total Well Depth (TD): 100.16								
Static Water Level (WL): 76.95								
One Casing Volume(gal/L):								
Start Purge (hrs): 0945								
End Purge (hrs): 1210								
Total Purge Time (min): 145								
Total Vol. Purged (gal/L) 145								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles SW-846 8260B	4°C/HCl	(3) 40ml Vails	Yes
Explosives SW-846 8330	4°C	(2) L Glass Amber	Yes
Total Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes
Diss. Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes/No
Perchlorate	4°C	(1) L HDPE	Yes/No

OBSERVATIONS / NOTES:

23.21 x 0.163 = 3.78 gal or 14.3 L

Circle if Applicable:

MS/MSD —

Duplicate ID No.: —

Signature(s): Terry Rolahn

Tetra Tech NUS, Inc.

LOW FLOW PURGE DATA SHEET

PROJECT SITE NAME: NSWC CRANE, SWMU 03
PROJECT NUMBER: N8383, CTO 0311

WELL ID.: 03C06
DATE: 4/6/04

Time (Hrs.)	Water Level (Ft. below TOC)	Volume (mL/Min.)	Flowrate (mL/Min.)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celsius)	ORP (mV)	Comments (Volume & Color)
0945	76.95	0								Start PURGE
0955	77.60	1000	100	7.03	0.517	20.6	6.95	12.51	265	CLEAR
1005	78.06	2000	100	7.05	0.511	9.02	4.34	12.36	286	CLEAR
1015	78.43	3000	100	7.04	0.509	8.78	3.79	12.31	303	CLEAR
1025	78.69	4000	100	7.05	0.514	6.56	3.65	12.78	317	CLEAR
1035	78.93	5000	100	6.95	0.520	5.50	3.60	13.20	351	CLEAR
1045	79.10	6000	100	6.99	0.517	4.35	3.58	13.05	367	CLEAR
1055	79.23	7000	100	6.94	0.523	4.04	3.59	13.56	386	CLEAR
1105	79.39	8000	100	6.92	0.522	3.54	3.59	13.55	403	CLEAR
1115	79.49	9000	100	6.85	0.531	3.63	3.54	14.17	424	CLEAR
1125	79.53	10000	100	6.86	0.525	2.78	3.52	13.45	439	CLEAR
1135	79.57	11000	100	6.87	0.520	2.41	3.49	13.39	444	CLEAR
1145	79.61	12000	100	6.89	0.521	2.99	3.50	13.50	449	CLEAR
1155	79.64	13000	100	6.88	0.524	3.63	3.71	13.71	458	CLEAR
1205	79.67	14000	100	6.88	0.526	3.74	3.80	13.72	463	CLEAR
1210	79.69	14500	100	6.91	0.527	3.47	3.81	13.73	462	CLEAR
1215	—	—	—	—	—	—	—	—	—	Sample Time

Water Quality Meter (SN): 98H1750
Control Box type (SN): MP10 - 1590
Turbidity Meter (SN): 3106 - 1402

Pump Intake Depth Below TOC: 95'

SIGNATURE(S): Terry Rogers

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Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NSWC Crane, SWMU 03
Project No.: N8383

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 03GWC1401
Sample Location: 03C14
Sampled By: T. ROJAHN
C.O.C. No.: 3611
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other NA
Date: 4/7/03								
Time: 1425								
Method: BLADDER	CLEAR	5.95	0.558	18.14	4.22	0.34	64	—

PURGE DATA:

Date: 4/7/03	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Method: SAME								
Monitor Reading (ppm): —								
Well Casing Diameter & Material								
Type: 2" ϕ PVC			See Low Flow Purge Data Sheets					
Total Well Depth (TD): 117.75								
Static Water Level (WL): 85.00								
One Casing Volume(gal/L):								
Start Purge (hrs): 1300								
End Purge (hrs): 1420								
Total Purge Time (min): 80								
Total Vol. Purged (gal/L): 21.6								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles SW-846 8260B	4°C/HCl	(3) 40ml Vails	Yes
Explosives SW-846 8330	4°C	(2) L Glass Amber	Yes
Total Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes
Diss. Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes/No
Perchlorate	4°C	(1) L HDPE	Yes/No

OBSERVATIONS / NOTES:

32.75 x 0.163 = 5.3 gal or 20.2 L

Circle if Applicable:

MS/MSD: YES

Duplicate ID No.:

Signature(s): Terry Logan

Tetra Tech NUS, Inc.

LOW FLOW PURGE DATA SHEET

PROJECT SITE NAME: NSWC CRANE, SWMU 03
PROJECT NUMBER: N8383, CTO 0311

WELL ID.: 03C14
DATE: 4/7/04

Time (Hrs.)	Water Level (Ft. below TOC)	Volume (mL/Min.)	Flowrate (mL/Min.)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celsius)	ORP (mV)	Comments (Volume & Color)
1300	85.00	0	–	–	–	–	–	–	–	Start Purge
1310	85.03	2000	200	6.63	0.578	106.3	2.63	15.31	106	Sl. Cloudy
1320	85.10	4800	280	6.31	0.563	40.0	0.97	14.24	78	CLEAR
1330	85.10	7600	280	6.22	0.558	21.2	0.55	13.99	67	CLEAR
1340	85.10	10400	280	6.16	0.563	11.5	0.44	14.29	64	CLEAR
1350	85.10	13200	280	6.12	0.561	8.79	0.40	14.17	54	CLEAR
1400	85.10	16000	280	5.93	0.561	6.45	0.37	14.19	69	CLEAR
1410	85.10	18800	280	5.91	0.557	5.06	0.35	14.10	66	CLEAR
1420	85.10	21600	280	5.95	0.558	4.22	0.34	14.14	64	CLEAR
1425	–	–	–	–	–	–	–	–	–	Start Sampling

Water Quality Meter (SN) 98H1750
Control Box type (SN) MP10-1590
Turbidity Meter (SN) 3106-1402

Pump Intake Depth Below TOC 112.75'

SIGNATURE(S): Terry Tagel

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NSWC Crane, SWMU 03
Project No.: N8383

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 03GWC2101
Sample Location: 03-CP21
Sampled By: J. Goerdt
C.O.C. No.: 3610
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other NA
Date: 4-6-04								
Time: 1602								
Method: Bladder	clear	7.18	0.461	13.44	4.06	0.40	148.6	—

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date: 4-6-04								
Method: Bladder								
Monitor Reading (ppm): —								
Well Casing Diameter & Material								
Type: 2" PVC			See Low Flow Purge Data Sheets					
Total Well Depth (TD): 120.9								
Static Water Level (WL): 85.11								
One Casing Volume(gal/L): 22.1								
Start Purge (hrs): 1409								
End Purge (hrs): 1609								
Total Purge Time (min): 120								
Total Vol. Purged (gal/L): 23.3								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles SW-846 8260B	4°C/HCl	(3) 40ml Vails	Yes
Explosives SW-846 8330	4°C	(2) L Glass Amber	Yes
Total Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes
Diss. Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes/No
Perchlorate	4°C	(1) L HDPE	Yes/No

OBSERVATIONS / NOTES:

120.90
85.11
35.79(.163) = 5.83 Gal
= 22.08 L

pump at 112'

Well Screened @ 110-120'

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

LOW FLOW PURGE DATA SHEET

PROJECT SITE NAME: NSWC CRANE, SWMU 03
PROJECT NUMBER: N8383, CTO 0311

WELL ID.: 03-CP21
DATE: 4-6-04

Time (Hrs.)	Water Level (Ft. below TOC)	Volume (mL/Min.)	Flowrate (mL/Min.)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celsius)	ORP (mV)	Comments (Volume & Color)
1409	85.11	-	-	-	-	-	-	-	-	Start purge
1419	85.30	1.0	100	7.22	0.488	67.3	6.84	15.72	113.2	Clear
1429	85.69	3.0	200	7.17	0.460	53.3	2.34	13.66	153.8	"
1439	85.74	5.0	200	7.19	0.461	28.7	1.42	13.40	161.9	"
1449	85.93	7.0	200	7.20	0.461	17.4	0.95	13.25	166.2	"
1459	85.94	9.0	200	7.18	0.463	13.3	0.81	13.22	162.7	"
1509	85.96	11.0	200	7.20	0.463	10.9	0.77	13.53	158.1	"
1519	85.95	13.2	220	7.19	0.464	8.93	0.53	13.85	154.6	"
1529	85.94	15.4	220	7.19	0.462	7.30	0.49	13.52	158.3	"
1539	85.95	17.8	220	7.18	0.462	5.62	0.46	13.53	166.2	"
1549	85.95	20.0	220	7.20	0.460	4.73	0.41	13.40	152.0	"
1559	85.95	22.2	220	7.19	0.461	4.08	0.39	13.53	149.2	"
1608	85.95	23.3	110	7.18	0.461	4.06	0.40	13.44	148.6	Stop purge, collect samples

Water Quality Meter (SN) 99K0055AE
Control Box type (SN) MP10-1550
Turbidity Meter (SN) 1139-1699

Pump Intake Depth Below TOC 112'

SIGNATURE(S):

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NSWC Crane, SWMU 03
Project No.: N8383

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: GW 03C2801
Sample Location: 03C28
Sampled By: J. Gerdt
C.O.C. No.: 3611
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other NA
Date: 4-8-04								
Time: 1137								
Method: Bladder	Clear	7.36	0.596	12.78	9.0	12.43	263.4	—

PURGE DATA:

Date: 4-8-04	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Method: Bladder								
Monitor Reading (ppm): —								
Well Casing Diameter & Material								
Type: 2" pvc			See Low Flow Purge Data Sheets					
Total Well Depth (TD): 78.72								
Static Water Level (WL): 67.49								
One Casing Volume(gal/L): 6.93								
Start Purge (hrs): 1010								
End Purge (hrs): 1130								
Total Purge Time (min): 80								
Total Vol. Purged (gal/L): 7.8								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles SW-846 8260B	4°C/HCl	(3) 40ml Vails	Yes
Explosives SW-846 8330	4°C	(2) L Glass Amber	Yes
Total Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes
Diss. Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes/No
Perchlorate	4°C	(1) L HDPE	Yes/No

OBSERVATIONS / NOTES:

78.72
67.49
11.23 (.163) = 1.83 gal
= 6.93 L

67-77
Screen interval

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s):

Tetra Tech NUS, Inc.

LOW FLOW PURGE DATA SHEET

PROJECT SITE NAME: NSWC CRANE, SWMU 03
PROJECT NUMBER: N8383, CTO 0311

WELL ID.: 03-C28
DATE: 4-8-04

Time (Hrs.)	Water Level (Ft. below TOC)	Volume (L) ~~(mL/Min.)~~	Flowrate (mL/Min.)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celsius)	ORP (mV)	Comments (Volume & Color)
1010	67.49	–	–	–	–	–	–	–	–	Start purge
1020	67.59	0.5	50	7.34	0.670	18.0	10.10	13.43	226.2	clear
1030	67.64	1.4	90	7.33	0.668	16.3	10.83	12.98	233.8	"
1040	67.75	3.3	90	7.34	0.662	15.0	11.56	13.00	237.5	"
1050	67.91	4.2	90	7.35	0.602	19.0	12.19	12.98	244.3	"
1100	68.02	5.1	90	7.35	0.576	16.8	11.98	12.81	250.3	"
1110	68.09	6.0	90	7.35	0.578	14.5	12.11	12.81	258.2	"
1120	68.17	6.9	90	7.35	0.580	12.0	12.38	12.80	260.8	"
1130	68.33	7.8	90	7.36	0.596	9.0	12.43	12.78	263.4	"
										Stop purge

Water Quality Meter (SN) 99K0055AE
Control Box type (SN) MP10-1550
Turbidity Meter (SN) 1139-1699

Pump Intake Depth Below TOC 72.5'

SIGNATURE(S): [illegible]

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Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NSWC Crane, SWMU 03
Project No.: N8383

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 03GW TW01
Sample Location: 03SB060
Sampled By: T. ROJAHN
C.O.C. No.: TR 39 3619
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 4-17-04	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Time: 1512	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Method: Peristaltic	CLEAR	6.35	0.481	12.71	20.2/6.54	0.92	-50.9	—

PURGE DATA:

Date: 4-17-04	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Method: Peristaltic								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type: 3/4" Ø PVC	See Low Flow Purge Data Sheets							
Total Well Depth (TD): 15.0								
Static Water Level (WL): 5.77								
One Casing Volume(gal/L): 0.8								
Start Purge (hrs): 1340								
End Purge (hrs): 1510								
Total Purge Time (min): 90								
Total Vol. Purged (gal/L): 9								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles SW-846 8260B	4°C/HCl	(3) 40ml Vails	Yes
Explosives SW-846 8330	4°C	(2) L Glass Amber	Yes
Total Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes
Diss. Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes/No
Perchlorate	4°C	(1) L HDPE	Yes/No

OBSERVATIONS / NOTES:

9.23 x 0.023 = 0.21 gal or 0.8

Circle if Applicable:

MS/MSD — Duplicate ID No.: —

Signature(s): Terry Rojahn

Tetra Tech NUS, Inc.

LOW FLOW PURGE DATA SHEET

PROJECT SITE NAME: NSWC CRANE, SWMU 03
PROJECT NUMBER: N8383, CTO 0311

WELL ID.: 0358060 03TW01
DATE: 4/17/04

Time (Hrs.)	Water Level (Ft. below TOC) BGS	Volume (mL/Min.)	Flowrate (mL/Min.)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celsius)	ORP (mV)	Comments (Volume & Color)
1340	5.77	0	100	–	–	–	–	–	–	Start Purge (BRN)
1410	*	3000	100	–	–	740	–	–	–	Grey BRN
1430	*	5000	100	–	–	112	–	–	–	Sl. Cloudy
1440	*	6000	100	–	–	135	–	–	–	" "
1450	*	7000	100	6.45	0.492	195	8.20	13.52	-28.6	Sl. Cloudy
1500	*	8000	100	6.35	0.482	31.8	0.95	13.00	-37.9	CLEAR
1505	*	8500	100	6.35	0.481	18.6	0.92	12.60	-45.9	CLEAR
1510	*	9000	100	6.35	0.481	20.2	0.92	12.71	-50.9	CLEAR
1512	–	–	–	–	–	–	–	–	–	Sample Time
1547	→	→	→	→	→	6.54	→	→	→	Begin Collecting Metals

Water Quality Meter (SN): 99K0055 AE
Control Box type (SN): 403 (Peristaltic)
Turbidity Meter (SN): 1139-1699

Pump Intake Depth Below TOC: 12.5'

* WL PROBE gets caught on tubing.

SIGNATURE(S): [signature]

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NSWC Crane, SWMU 03
Project No.: N8383

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 03GTW02
Sample Location: SAME (03SB063)
Sampled By: T. ROJAHN
C.O.C. No.: 3619
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 4/19/04	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1205								
Method: Peristaltic	CLEAR	7.38	1.659	11.70	37.6	0.54	-13.9	—

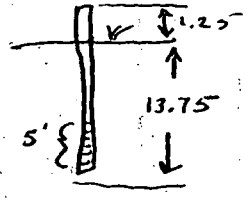
PURGE DATA:

Date: 4-19-04	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Method: Peristaltic								
Monitor Reading (ppm): —								
Well Casing Diameter & Material								
Type: 3/4" Ø PVC			See Low Flow Purge Data Sheets					
Total Well Depth (TD): 13.75 - BGS								
Static Water Level (WL): 8.40 → BGS								
One Casing Volume(gal/L): 0.5								
Start Purge (hrs): 1050								
End Purge (hrs): 1200								
Total Purge Time (min): 70								
Total Vol. Purged (gal/L): 10.5								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles SW-846 8260B	4°C/HCl	(3) 40ml Vails	Yes
Explosives SW-846 8330	4°C	(2) L Glass Amber	Yes
Total Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes
Diss. Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes/No
Perchlorate	4°C	(1) L HDPE	Yes/No

OBSERVATIONS / NOTES:



5.35' x 0.023 = 0.12 gal or 0.5 L

Circle if Applicable:

MS/MSD	Duplicate ID No.:
—	—

Signature(s): Terry Rojahn

Tetra Tech NUS, Inc.

LOW FLOW PURGE DATA SHEET

PROJECT SITE NAME: NSWC CRANE, SWMU 03
PROJECT NUMBER: N8383, CTO 0311

WELL ID.: 037W02
DATE: 4-19-04

Time (Hrs.)	Water Level BGS (Ft. below TOC)	Volume (mL/Min.)	Flowrate (mL/Min.)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celsius)	ORP (mV)	Comments (Volume & Color)
1050	8.40	0	—	—	—	—	—	—	—	Start Purge (BRN)
1100	*	1500	150	7.26	1.473	181	0.98	11.93	+4.0	Tannish → Cloudy
1110	*	3000	150	7.29	1.520	129	0.73	11.82	-45	Sl. Cloudy
1120	*	4500	150	7.36	1.605	83.2	0.60	11.77	-45	V. Sl. Cloudy
1130	*	6000	150	7.38	1.641	45.7	0.61	11.80	-31	CLEAR
1140	*	7500	150	7.35	1.660	27.5	0.49	11.82	-17.7	CLEAR
1150	*	9000	150	7.35	1.658	54.1	0.44	11.82	-13.0	CLEAR
1200	*	10500	150	7.38	1.659	37.6	0.54	11.70	-13.9	CLEAR
1205										Start Sampling

Water Quality Meter (SN): 99K0055 AE
Control Box type (SN): 403
Turbidity Meter (SN): 1139-1699

Pump Intake Depth Below TOC: ~1' off bottom

* W.L. probe restricted by tubing.

SIGNATURE(S): [illegible]

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NSWC Crane, SWMU 03
Project No.: N8383

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: GW 03TW03
Sample Location: SAME (03SB090)
Sampled By: T. ROJAHN
C.O.C. No.: 3619
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other NA
Date: 4/19/04								
Time: 0945								
Method: SAME	BRN	7.18	1.095	16.30	+1000	—	+159	—

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date: 4/19/04								
Method: Peristaltic								
Monitor Reading (ppm): —								
Well Casing Diameter & Material								
Type: 3/4" Ø PVC			See Low Flow Purge Data Sheets					
Total Well Depth (TD): 10								
Static Water Level (WL): @GS								
One Casing Volume(gal/L): 0.9								
Start Purge (hrs): 0920								
End Purge (hrs): 0930								
Total Purge Time (min): 10								
Total Vol. Purged (gal/L): 2.5								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles SW-846 8260B	4°C/HCl	(3) 40ml Vails	Yes
Explosives SW-846 8330	4°C	(1) ~~(2)~~ L Glass Amber	Yes
Total Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes
Diss. Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes/No
Perchlorate	4°C	(1) L HDPE	Yes/No

OBSERVATIONS / NOTES:

10' x .023 = 0.23 gal or 0.9 L

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Troy Rojahn

Tetra Tech NUS, Inc.

LOW FLOW PURGE DATA SHEET

PROJECT SITE NAME: NSWC CRANE, SWMU 03
PROJECT NUMBER: N8383, CTO 0311

WELL ID.: 03TW03
DATE: 4-19-04

Time (Hrs.)	Water Level (Ft. below TOC)	Volume (mL/Min.)	Flowrate (mL/Min.)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celsius)	ORP (mV)	Comments (Volume & Color)
0920	@ GROUND LEVEL	0	—	—	—	—	—	—	—	START PURGE
0930	DRY	2500ml	—	—	—	—	—	—	—	BRN
0945	—	—	—	—	—	—	—	—	—	START SAMPLING
1033	DRY	—	—	7.18	1.095	+1000	Error	16.30	+159	TAKE WATER QUALITY READINGS

Water Quality Meter (SN) 99K0055 AE
Control Box type (SN) 403
Turbidity Meter (SN) 1139-1699

Pump Intake Depth Below TOC ~1' OFF Bottom

SIGNATURE(S): [illegible]

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NSWC Crane, SWMU 03
Project No.: N8383

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type: Sink Hole SUB
[] QA Sample Type: For Temp Well

Sample ID No.: 03GWTW04
Sample Location: 03TW04
Sampled By: T. Rojahn
C.O.C. No.: 3633
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 4/21/04	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1435								
Method: Peristaltic	V.Sl.Cloudy	7.92	0.311	18.18	55.2	10.13	128	—

PURGE DATA:

Date: NA	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:			See Low Flow Purge Data Sheets					
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles SW-846 8260B	4°C/HCl	(3) 40ml Vails	Yes
Explosives SW-846 8330	4°C	(2) L Glass Amber	Yes
Total Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes
Diss. Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes/No
Perchlorate	4°C	(1) L HDPE	Yes/No

OBSERVATIONS / NOTES:

Sampled a sink hole in the area of the former ash pile - submerged Ammo cases visible within the sink hole. Collected VOAs direct @ surface & remaining parameters near bottom of sink hole.

Circle if Applicable:

MS/MSD: —

Duplicate ID No.: —

Signature(s): Tey Rojahn

LOW FLOW PURGE DATA

NOT APPLICABLE

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NSWC Crane, SWMU 03
Project No.: N8383

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 03GWTW05
Sample Location: 03TW05 & SB103
Sampled By: T. ROJAHN
C.O.C. No.: 3633
Type of Sample:
[X] Low Concentration
[] High Concentration

→ W/ Yellow tint

SAMPLING DATA:

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	Other
Date: 4/21/04	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	NA
Time: 1220								
Method: SAME	CLEAR	7.13	5.770	12.90	21.5	0.97	14	—

PURGE DATA:

Date: 4-21-04	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Method: Peristaltic								
Monitor Reading (ppm): —								
Well Casing Diameter & Material								
Type: 3/4" Ø PVC			See Low Flow Purge Data Sheets					
Total Well Depth (TD): 10.70 → BGS								
Static Water Level (WL): 5.95 → BGS								
One Casing Volume(gal/L): 0.4								
Start Purge (hrs): 1057								
End Purge (hrs): 1217								
Total Purge Time (min): 80								
Total Vol. Purged (gal/L): 16.4								

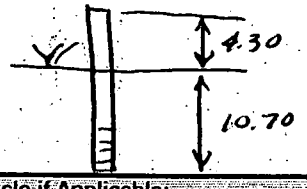
SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles SW-846 8260B	4°C/HCl	(3) 40ml Vails	Yes
Explosives SW-846 8330	4°C	(2) L Glass Amber	Yes
Total Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes
Diss. Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes No
Perchlorate	4°C	(1) L HDPE	Yes No

OBSERVATIONS / NOTES:

Effervesced

10.7 - 5.94 = 4.75 x 0.023 = 0.10 gal or 0.4L



Circle if Applicable:

MS/MSD —

Duplicate ID No.: —

Signature(s): Terry Rojahn

Tetra Tech NUS, Inc.

LOW FLOW PURGE DATA SHEET

PROJECT SITE NAME: NSWC CRANE, SWMU 03
PROJECT NUMBER: N8383, CTO 0311

WELL ID.: 03TW05
DATE: 4-21-04

Time (Hrs.)	Water Level BGS (Ft. below TOC)	Volume (mL/Min.)	Flowrate (mL/Min.)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celsius)	ORP (mV)	Comments (Volume & Color)
1057	5.95	0	–	–	–	–	–	–	–	START PURGE
1107	*	2400	240	–	–	–	–	–	–	BRN
1117	*	4400	200	–	–	–	–	–	–	Lt. BRN
1127	*	6400	200	–	–	–	–	–	–	Lt. BRN
1137	*	8400	200	7.10	5.777	158	0.44	12.92	-37	Sl. Cloudy
1147	*	10400	200	7.11	5.803	48.7	1.12	13.03	36	CLEAR w/Yellow tint
1157	*	12400	200	7.12	5.780	18.6	0.97	12.97	21	CLEAR
1207	*	14400	200	7.13	5.765	19.8	0.94	12.93	18	CLEAR
1212	*	15400	200	7.13	5.772	20.3	0.98	12.92	16	CLEAR
1217	*	16400	200	7.13	5.770	21.5	0.97	12.90	14	CLEAR
1220										Start sampling

Water Quality Meter (SN): 99K0055 AE
Control Box type (SN): 403
Turbidity Meter (SN): 1139-1699

Pump Intake Depth Below TOC: ~1' off bottom of screen

* W.L. probe obstructed by tubing.

SIGNATURE(S): [signature]

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NSWC Crane, SWMU 03
Project No.: N8383

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type: Temporary
[] QA Sample Type:

Sample ID No.: 03GWTW06
Sample Location: 03TW06/03SB050
Sampled By: T. Rojahn
C.O.C. No.: 3644
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Other NA
Date: 4/24/04								
Time: 1240								
Method: Same	Clear - Brn	6.91	0.633	10.86	40.6	4.67	-170	—

>1000 Dried out 3 times during sampling

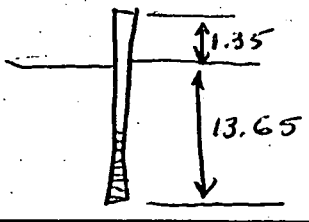
PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	Salinity	Other
Date: 4/24/04								
Method: Peristaltic	0L	—	—	—	—	—	—	BRN
Monitor Reading (ppm): —	8L	—	—	—	—	—	—	Clear / DRY
Well Casing Diameter & Material								
Type: 3/4" Ø, PVC	See Low Flow Purge Data Sheets							
Total Well Depth (TD): 13.65								
Static Water Level (WL): 5.25 - BGS								
One Casing Volume(gal/L) 0.8								
Start Purge (hrs): 1100								
End Purge (hrs): 1140 → DRY								
Total Purge Time (min): 40								
Total Vol. Purged (gal/L) 8								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Volatiles SW-846 8260B	4°C/HCl	(3) 40ml Vails	Yes
Explosives SW-846 8330	4°C	(2) L Glass Amber	Yes
Total Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes
Diss. Metals SW-846 6020/Mercury 7470A	4°C/HNO_3	(1) L HDPE	Yes/No
Perchlorate	4°C	(1) L HDPE	Yes/No

OBSERVATIONS / NOTES:



13.65' - 5.25' = 8.4 x 0.023 = 0.2 gal or 0.8L
Dried out 3 times during sampling.
Finish sampling @ 1340

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

LOW FLOW PURGE DATA

MISSING

GROUNDWATER LEVEL MEASUREMENT SHEETS

Tetra Tech NUS, Inc.

GROUNDWATER LEVEL MEASUREMENT SHEET

Project Name: NSWC CRANE
Project No.: N8383
Location: ABG/OJT/DBG
Personnel: S. Conti & T. Rojahn
Weather Conditions: Mostly Cloudy (Temp. in 60^{0}s)
Measuring Device: Heron Water Level Indicator
Tidally Influenced: Yes ___ No _X_
Remarks:

Well or Piezometer Number	Date	Time	Elevation of Reference Point (feet)*	Total Well Depth (feet)*	Water Level Indicator Reading (feet)*	Groundwater Elevation (feet)*	Comments
02-01	4/25/2004	1736	746.17	33.12	25.92	720.25	
02-02	4/25/2004	1731	727.67	52.30	45.67	682.00	
02-03	4/25/2004	1711	722.38	63.30	43.65	678.73	
02-04	4/25/2004	1708	719.02	48.10	38.27	680.75	
02-05	4/25/2004	1737	741.28	62.70	56.95	684.33	
02-06	4/25/2004	1648	744.65	68.78	60.36	684.29	
02-07	4/25/2004	1641	738.42	61.56	54.74	683.68	
02-08	4/25/2004	1638	732.20	56.14	48.88	683.32	
02C09	4/25/2004	1615	740.36	179.50	170.02	570.34	
02C09P2	4/25/2004	1617	740.66	99.50	DRY	NA	Historically Dry
02C10	4/25/2004	1757	716.47	154.50	146.90	569.57	
02C10P2	4/25/2004	1759	716.39	74.00	41.98	674.41	
02C10P3	4/25/2004	1755	716.36	39.20	29.52	686.84	
02C11	4/25/2004	1724	715.31	160.50	149.29	566.02	
02C11P2	4/25/2004	1721	715.36	82.30	73.75	641.61	
02C11P3	4/25/2004	1720	715.66	43.80	35.21	680.45	
02C12	4/25/2004	1738	741.57	184.10	171.37	570.20	
02C12P2	4/25/2004	1741	741.82	105.70	89.70	652.12	
02C12P3	4/25/2004	1740	741.83	36.50	23.40	718.43	
02C13	4/25/2004	1751	725.11	81.80	57.61	667.50	
02C13P2	4/25/2004	1753	724.78	46.50	40.31	684.47	
02C13P3	4/25/2004	1648	725.51	22.50	11.90	713.61	
02C14	4/25/2004	1705	716.40	166.40	DRY	NA	
02C14P2	4/25/2004	1703	716.43	86.90	63.45	652.98	
02C14P3	4/25/2004	1706	716.26	49.60	36.83	679.43	

* All measurements to the nearest 0.01 foot

Tetra Tech NUS, Inc.

GROUNDWATER LEVEL MEASUREMENT SHEET

Project Name: NSWC CRANE
Project No.: N8383
Location: ABG/OJT/DBG
Personnel: S. Conti & T. Rojahn
Weather Conditions: Mostly Cloudy (Temp. in 60^{0}s)
Measuring Device: Heron Water Level Indicator
Tidally Influenced: Yes ___ No _X_
Remarks:

Well or Piezometer Number	Date	Time	Elevation of Referenced Point (feet)*	Total Well Depth (feet)*	Water Level Indicator Reading (feet)*	Groundwater Elevation (feet)*	Comments
02C15	4/25/2004	1716	715.88	78.80	70.08	645.80	
02C15P2	4/25/2004	1715	715.77	41.70	33.78	681.99	
02C16	4/25/2004	1655	725.36	91.10	*85.10	#VALUE!	*PVC riser is broken up
02C16P2	4/25/2004	1656	725.18	56.00	43.03	682.15	
02C17	4/25/2004	1634	732.96	98.50	85.17	647.79	
02C17P2	4/25/2004	1633	732.84	62.20	48.98	683.86	
02C17P3	4/25/2004	1632	733.38	28.10	DRY	N/A	
02C18	4/25/2004	1625	737.31	100.80	88.82	648.49	
02C18P2	4/25/2004	1624	737.24	64.90	52.98	684.26	
02C18P3	4/25/2004	1623	737.45	20.50	*21.08	#VALUE!	W.L. is below the well trap
02C19	4/25/2004	1644	733.35	92.70	87.14	646.21	
02C19P2	4/25/2004	1645	733.28	58.10	48.97	684.31	
02C19P3	4/25/2004	1646	733.63	18.20	DRY	N/A	
02C20	4/25/2004	1804	715.06	144.70	140.92	574.14	
02C20P2	4/25/2004	1807	714.92	68.50	58.32	656.60	
02C20P3	4/25/2004	1806	714.78	40.50	17.78	697.00	
02C21	4/25/2004	NA	N/A	N/A	NA	N/A	Abandoned
02C22	4/25/2004	1606	742.99	189.20	DRY	N/A	
02C22P2	4/25/2004	1608	742.63	107.50	DRY	N/A	
02C22P3	4/25/2004	1609	742.50	71.10	58.91	683.59	

* All measurements to the nearest 0.01 foot

Tetra Tech NUS, Inc.

GROUNDWATER LEVEL MEASUREMENT SHEET

Project Name: NSWC CRANE
Project No.: N8383
Location: ABG/OJT/DBG
Personnel: S. Conti & T. Rojahn
Weather Conditions: Mostly Cloudy (Temp. in 60^{0}s)
Measuring Device: Heron Water Level Indicator
Tidally Influenced: Yes ___ No _X_
Remarks:

Well or Piezometer Number	Date	Time	Elevation of Reference Point (feet)	Total Well Depth (feet)	Water Level Indicator Reading (feet)	Groundwater Elevation (feet)	Comments
03C01	4/24/2004	1415	627.28	186.70	115.38	511.90	
03C01P2	4/24/2004	1420	626.85	104.50	70.05	556.80	
03C01P3	4/24/2004	1418	626.50	27.10	133.90	492.60	
03C02	4/24/2004	1636	583.49	132.00	71.69	511.80	
03C02P2	4/24/2004	1632	583.15	50.50	37.45	545.70	
03C03	4/24/2004	1509	600.08	151.50	88.00	512.08	
03C03P2	4/24/2004	1505	600.20	68.30	41.85	558.35	
03C04	4/24/2004	1657	624.42	86.00	75.82	548.60	
03C05	4/24/2004	1700	581.36	44.50	34.77	546.59	
03C06	4/24/2004	1540	625.40	99.50	76.92	548.48	
03C07	4/24/2004	1652	636.47	101.20	78.73	557.74	
03C08AP2	4/24/2004	1600	629.34	102.50	74.48	554.86	
03C08A	4/24/2004	1552	630.50	183.50	119.01	511.49	
03C08AP3	4/24/2004	1553	630.43	22.00	16.11	614.32	
03C09	4/24/2004	1447	603.39	157.50	91.55	511.84	
03C09P2	4/24/2004	1451	603.56	74.50	45.54	558.02	
03C10	4/24/2004	1438	608.03	78.50	50.28	557.75	
03C11	4/24/2004	1608	592.36	60.00	43.61	548.75	
03C12	4/24/2004	1614	587.20	51.50	41.85	545.35	
03C13	NA	NA	617.75	82.70	NA	NA	Pump lodged in well due to riser collapse
03C14	4/24/2004	1526	642.79	117.00	85.35	557.44	
03C15	4/24/2004	1404	621.34	101.33	64.53	556.81	
03C15P3	4/24/2004	1403	621.11	23.10	5.70	615.41	
03C16	4/24/2004	1428	683.25	158.50	125.70	557.55	
03C17	4/25/2004	1517	696.15	151.00	138.01	558.14	

* All measurements to the nearest 0.01 foot

Tetra Tech NUS, Inc.

GROUNDWATER LEVEL MEASUREMENT SHEET

Project Name: NSWC CRANE
Project No.: N8383
Location: ABG/OJT/DBG
Personnel: S. Conti & T. Rojahn
Weather Conditions: Mostly Cloudy (Temp. in 60^{0}s)
Measuring Device: Heron Water Level Indicator
Tidally Influenced: Yes ___ No _X_
Remarks:

Well or Piezometer Number	Date	Time	Elevation of Reference Point (feet)	Total Well Depth (feet)	Water Level Indicator Reading (feet)	Groundwater Elevation (feet)	Comments
03C18	4/24/2004	1400	625.09	23.00	4.46	620.63	
03C19	4/25/2004	1500	650.50	123.30	92.45	558.05	
03C19P3	4/25/2004	1501	649.70	44.50	33.08	616.62	
03C20	4/24/2004	1531	646.62	120.50	89.54	557.08	
03C21	4/24/2004	1520	642.22	120.90	85.25	556.97	
03C21P2	4/24/2004	1522	642.22	41.10	34.25	607.97	
03C22	4/24/2004	1422	617.58	17.50	9.95	607.63	
03C23	4/24/2004	1432	618.61	16.00	7.80	610.81	
03C24	4/25/2004	1013	553.24	29.60	21.64	531.60	
03C25	4/25/2004	1000	597.03	72.20	46.45	550.58	
03C26	4/24/2004	1645	640.57	106.50	82.68	557.89	
03C27	4/24/2004	1620	603.84	73.00	60.75	543.09	
03C28	4/24/2004	1705	612.96	77.20	67.47	545.49	
03C29	4/25/2004	0856	797.37	280.20	242.50	554.87	
03C30	4/25/2004	0905	778.91	263.00	222.64	556.27	
03C31	4/25/2004	0920	792.10	267.40	237.60	554.50	
03C32	4/25/2004	1445	711.56	176.50	153.82	557.74	
03C33	4/25/2004	0927	785.03	251.00	234.45	550.58	
03C34	4/25/2004	1600	727.07	190.00	178.51	548.56	
03C35	4/25/2004	1546	697.00	176.00	*174.85	#VALUE!	PVC riser broken up...attempted to piece together prior to taking W.L.
03C36	4/25/2004	1533	718.24	181.50	DRY	NA	
03C37	4/25/2004	1156	620.28	117.00	108.54	511.74	
03C38	4/25/2004	1226	572.97	55.50	55.14	517.83	
03B01	4/25/2004	1123	504.47	15.00	6.66	497.81	
03B02	4/25/2004	1120	503.96	17.10	5.91	498.05	

* All measurements to the nearest 0.01 foot

Tetra Tech NUS, Inc.

GROUNDWATER LEVEL MEASUREMENT SHEET

Project Name: NSWC CRANE
Project No.: N8383
Location: ABG/OJT/DBG
Personnel: S. Conti & T. Rojahn
Weather Conditions: Mostly Cloudy (Temp. in 60^{0}s)
Measuring Device: Heron Water Level Indicator
Tidally Influenced: Yes ___ No _X_
Remarks:

Well or Piezometer Number	Date	Time	Elevation of Reference Point (feet)	Total Well Depth (feet)	Water Level Indicator Reading (feet)*	Groundwater Elevation (feet)*	Comments
03B03	4/25/2004	1115	504.96	16.00	5.70	499.26	
03B04	4/25/2004	1114	506.47	17.00	6.77	499.70	
03B05	4/25/2004	1103	507.05	16.50	6.91	500.14	
03B06	4/25/2004	1059	509.26	15.50	7.68	501.58	
03B07	4/25/2004	1054	510.72	11.50	DRY	NA	
03B08	4/25/2004	1052	513.40	13.50	8.28	505.12	
03B09	4/25/2004	1048	516.04	13.00	9.80	506.24	
03B10	4/25/2004	1039	561.96	61.00	50.60	511.36	

* All measurements to the nearest 0.01 foot

Tetra Tech NUS, Inc.

GROUNDWATER LEVEL MEASUREMENT SHEET

Project Name: NSWC CRANE
Project No.: N8383
Location: ABG/OJT/DBG
Personnel: S. Conti & T. Rojahn
Weather Conditions: Mostly Cloudy (Temp. in 60^{0}s)
Measuring Device: Heron Water Level Indicator
Tidally Influenced: Yes ___ No _X_
Remarks:

Well or Piezometer Number	Date	Time	Elevation of Reference Point (feet)	Total Well Depth (feet)	Water Level Indicator Reading (feet)	Groundwater Elevation (feet)	Comments
03-01	4/24/2004	1456	604.67	53.80	46.14	558.53	
03-02	4/24/2004	1353	622.67	13.00	6.35	616.32	
03-03	4/24/2004	NA	584.29	98.00	NA	NA	Abandoned
03-04	4/24/2004	NA	594.17	67.50	NA	NA	Abandoned
03-05	4/24/2004	NA	595.75	57.70	NA	NA	Abandoned
03-06	4/24/2004	NA	589.71	49.60	NA	NA	Abandoned
03-07	4/24/2004	1728	556.48	24.72	11.70	544.78	
03-08	4/24/2004	NA	586.76	44.80	NA	NA	Abandoned
03-09	4/24/2004	1357	624.72	78.10	67.88	556.84	
03-10	4/24/2004	1742	557.99	24.55	16.79	541.20	
03-11	4/24/2004	1756	553.41	18.46	9.55	543.86	
03-12	4/24/2004	1729	558.24	24.85	16.44	541.80	
03-13	4/24/2004	1750	552.26	24.42	13.04	539.22	
03-14	4/24/2004	1753	552.41	17.74	11.48	540.93	
03-15	4/24/2004	1752	559.31	28.32	17.95	541.36	
03-16	4/24/2004	1815	571.70	35.69	29.19	542.51	
03-17	4/24/2004	1740	553.47	24.73	16.25	537.22	
03-18	4/24/2004	1743	553.12	27.22	17.75	535.37	
03-19	4/24/2004	NA	559.37	32.50	NA	NA	Abandoned
03-20	4/24/2004	1736	554.76	26.63	17.80	536.96	
03-21	4/24/2004	1758	560.11	25.09	18.95	541.16	
03-22	4/24/2004	1749	558.68	26.86	16.51	542.17	
03-23	4/24/2004	1800	562.49	26.45	17.85	544.64	
03-24	4/24/2004	1734	589.28	54.64	29.33	559.95	
03-25	4/24/2004	1739	573.97	36.83	32.87	541.10	

* All measurements to the nearest 0.01 foot

Tetra Tech NUS, Inc.

GROUNDWATER LEVEL MEASUREMENT SHEET

Project Name: NSWC CRANE
Project No.: N8383
Location: ABG/OJT/DBG
Personnel: S. Conti & T. Rojahn
Weather Conditions: Mostly Cloudy (Temp. in 60^{0}s)
Measuring Device: Heron Water Level Indicator
Tidally Influenced: Yes ___ No _X_
Remarks:

Well or Piezometer Number	Date	Time	Elevation of a Reference Point (feet)*	Total Well Depth (feet)*	Water Level Indicator Reading (feet)*	Groundwater Elevation* (feet)	Comments
03-26	4/24/2004	NA	595.89	NA	NA	NA	Abandoned
03-27	4/24/2004	NA	599.08	NA	NA	NA	Abandoned
03-28	4/24/2004	1601	627.49	24.60	9.34	618.15	
03-29	4/24/2004	NA	598.61	NA	NA	NA	Abandoned
03-30	4/24/2004	1500	608.60	55.30	55.06	553.54	
03-31	4/24/2004	1626	582.84	45.90	37.70	545.14	
03-32	4/24/2004	NA	583.54	N/A	NA	NA	Abandoned
03-33	4/24/2004	1628	583.39	43.43	36.66	546.73	
03-34	4/24/2004	NA	585.06	N/A	NA	NA	Abandoned
03-35	4/24/2004	NA	586.60	N/A	NA	NA	Abandoned
03-36	4/24/2004	NA	617.54	N/A	NA	NA	Abandoned
03-37	4/24/2004	NA	586.52	N/A	NA	NA	Abandoned
03-38	4/24/2004	1452	604.79	60.18	46.60	558.19	
03-39	4/24/2004	1455	603.25	57.92	44.70	558.55	
03SG01	4/25/2004	1249	587.20	N/A	2.49	584.71	
03SG02	4/25/2004	1240	561.84	N/A	DRY	---	
03SG03	4/25/2004	1238	547.42	N/A	DRY	---	
03SG04	4/25/2004	1236	533.32	N/A	DRY	---	
03SG05	4/25/2004	1207	525.05	N/A	6.52	518.53	
03SG06	4/25/2004	1143	513.57	N/A	6.00	507.57	
03SG07	4/25/2004	NA	499.95	N/A	NA	NA	Staff Gauge Missing

* All measurements to the nearest 0.01 foot

SOIL AND SEDIMENT LOG SHEETS

SOIL & SEDIMENT MULTIPLE SAMPLE LOG SHEET

Tetra Tech NUS, Inc.

[X] Surface Soil (SS)
[X] Subsurface Soil (SB)
[] Sediment (SD)
[] Other _____

Project Site Name: NSWC CRANE
Project Number: N8383
Laboratory: LAUCKS
C.O.C. No.: 3614

Date: 4/16/04
Sample Method: Direct Push Tech.

SAMPLE ID NUMBER	SAMPLE LOCATION	TIME	DEPTH (Ft.)	CONCENTRATION (L)LOW (H)HIGH	(G) GRAB (C) COMPOSITE	TOTAL No. OF CONTAINERS	ANALYSES: VOCs Encore Sampler	Explosives	RDX Degradation Products	TAL Metals	Perchlorate	TOC / pH / CEC	SOIL GROUP #	PID READING	SOIL DESCRIPTION & VOC COLLECTION DEPTH
03SS0530002	03SB053	0920	0-2	L	G	2	—	1	X	1	X		3	0	CLAYEY SILT
03SB0530206	"	0930	2-6	L	G	2	—	1	X	1	X		6	0	SILTY SAND (DPT 2-4.5)
03SS1050002	03SB105	1025	0-2	L	G	2	—	1	X	1	X		3	0	SILTY CLAY - ROCK FRAGS
03SB1050206	"	1035	2-6	L	G	2	—	1	X	1	X		6	0	SANDY CLAY - ROCK "
03SB1050610	"	1045	6-10	L	G	5	3	1	X	1	X		6	0	CLAYEY SAND
03SB1051012	"	1055	10-12	L	G	5	3	1	X	1	X		6	0	" " (DPT 10-11.5)
03SS0570002	03SB057	1300	0-2	L	G	1	—	1					3	0	SILTY SANDY CLAY
03SB0570206	"	1310	2-6	L	G	1	—	1					6	0	SILTY CLAY
03SS0600002	03SB060	1325	0-2	L	G	2	—	1		1			3	0	SANDY CLAY - TR ROCK
03SB0600206	"	1335	2-6	L	G	2	—	1		1			6	0	" " "
03SB0600610	"	1345	6-10	L	G	5	3	1		1			6	0	" " / WEATH SHALE
03SB0601014	"	1400	10-14	L	G	5	3	1		1			NA	0	WEATHERED SHALE.

REMARKS/OBSERVATIONS/NOTES: PLACED 3/4" Φ PVC PIEZ IN 03SB060 - SCREEN 9-14' ± WL @ 5.5'

If the analyses block is Xed then the sample aliquot will come from the container (4oz jar) to the left.

SAMPLER (S): S. Conti

SIGNATURE(S): S. Conti

SOIL & SEDIMENT MULTIPLE SAMPLE LOG SHEET

Tetra Tech NUS, Inc.

[X] Surface Soil (SS)
[X] Subsurface Soil (SB)
[] Sediment (SD)
[] Other _____

Project Site Name: NSWC CRANE
Project Number: N8383
Laboratory: LAUCKS
C.O.C. No.: 3615

Date: 4/16/04
Sample Method: Direct Push Tech.

SAMPLE ID NUMBER	SAMPLE LOCATION	TIME	DEPTH (Ft.)	CONCENTRATION (L)LOW (H)HIGH	(G) GRAB (C) COMPOSITE	TOTAL No. OF CONTAINERS	ANALYSES: VOCs Encore Sampler	Explosives	RDX Degradation Products	TAL Metals	Perchlorate	TOC / pH / CEC	SOIL GROUP #	PID READING	SOIL DESCRIPTION & VOC COLLECTION DEPTH
03SS0660002	03SB066	1420	0-2	L	G	2	–	1		1			3	0	SANDY CLAY-TR ROCK
03SB0660206	"	1425	2-6	L	G	2	–	1		1			6	0	SANDY " – "
03SB0660610	"	1435	6-10	L	G	5	3	1		1			6	0	SILTY " – " TR SAND
03SB0661014	"	1445	10-14	L	G	5	3	1		1			NA	0	SHALE
03SS0670002	03SB067	1500	0-2	L	G	2	–	1	X		1		3	0	SANDY CLAY / SAND
03SB0670206	"	1510	2-6	L	G	2	–	1	X		1		6	0	SILTY CLAY-MOTTLD
03SB0670610	"	1520	6-10	L	G	5	3	1	X		1		6	0	" " "
03SB0671014	"	1530	10-11.5	L	G	5	3	1	X		1		NA	0	SHALE.

REMARKS/OBSERVATIONS/NOTES:

If the analyses block is Xed then the sample aliquot will come from the container (4oz jar) to the left.

SAMPLER (S): S J CONTI / WES ROGERS

SIGNATURE(S): SJ Conti

SOIL & SEDIMENT MULTIPLE SAMPLE LOG SHEET

Tetra Tech NUS, Inc.

[X] Surface Soil (SS)
[X] Subsurface Soil (SB)
[] Sediment (SD)
[] Other _____

Project Site Name: NSWC CRANE
Project Number: N8383
Laboratory: LAUCKS
C.O.C. No.: 3615

Date: 4-16-04
Sample Method: Direct Push Tech.

SAMPLE ID NUMBER	SAMPLE LOCATION	TIME	DEPTH (Ft.)	CONCENTRATION (L)LOW (H)HIGH	(G) GRAB (C) COMPOSITE	TOTAL No. OF CONTAINERS	ANALYSES: VOCs Encore Sampler	Explosives	RDX Degradation Products	TAL Metals	Perchlorate	TOC / pH / CEC	SOIL GROUP #	PID READING	SOIL DESCRIPTION & VOC COLLECTION DEPTH
03SS06800002	03SB068	1545	0-2	L	G	2	—	1		1			3	0	CLAYEY SAND - TR ROCK FR
03SB06800206	"	1550	2-6	L	G	2	—	1		1			6	0	" " " "
03SB06800610	"	1600		L	G	5	3	1		1			6	0	SANDY CLAY / CLAYEY SAND
FD04160401	"	0000	—	L	G	5	3	1		1			↑	0	FD OF [03SB068 0610]
03SB06810 14	"	1610	10-13	L	G	5	3	1		1			NA	0	SHALE REF 10-13 @13'±

REMARKS/OBSERVATIONS/NOTES:

If the analyses block is Xed then the sample aliquot will come from the container (4oz jar) to the left.

SAMPLER (S): CONTI / ROGERS

SIGNATURE(S): S. Conti

SOIL & SEDIMENT MULTIPLE SAMPLE LOG SHEET

Tetra Tech NUS, Inc.

[X] Surface Soil (SS)
[X] Subsurface Soil (SB)
[] Sediment (SD)
[] Other _____

Project Site Name: NSWC CRANE
Project Number: N8383
Laboratory: LAUCKS
C.O.C. No.: 3616

Date: 4-17-04
Sample Method: Direct Push Tech.

SAMPLE ID NUMBER	SAMPLE LOCATION	TIME	DEPTH (Ft.)	CONCENTRATION (L)LOW (H)HIGH	(G) GRAB (C) COMPOSITE	TOTAL No. OF CONTAINERS	ANALYSES: VOCs Encore Sampler	Explosives	RDX Degradation Products	TAL Metals	Perchlorate	TOC / pH / CEC	SOIL GROUP #	PID READING	SOIL DESCRIPTION & VOC COLLECTION DEPTH
03SS0630002	03SB063	0855	0-2	L	G	1	—	1					3	0	SILTY SAND
03SB0630206	"	0900	2-6	L	G	1	—	1					6	0	CLAY (SILTY/SANDY)
03SB0630610	"	0905	6-10	L	G	4	3	1					6	0	CLAY & SAND
03SB0631014	"	0915	10-14	L	G	4	3	1					NA	0	WEATHERED SHALE
03SS1060002	03SB106	0930	0-2	L	G	1	—	1					3	0	SANDY CLAY - TR ROCKS
03SB1060206	"	0940	2-6	L	G	1	—	1					6	0	CLAYEY SAND - TR ROCK
03SB1060610	"	0945	6-10	L	G	4	3	1					6	0	SILTY SAND
03SB1061014	"	0955	10-14	L	G	4	3	1					NA	0	SHALE (WEATHERED)
03SS0650002	03SB065	1000	0-2	L	G	2	—	1	X	—	1		3	0	SANDY CLAY
03SB0650206	"	1010	2-6	L	G	2	—	1	X	—	1		6	0	" "
03SB0650610	"	1020	6-10	L	G	5	3	1	X	—	1		6	0	SILTY/SANDY CLAY
FD04170401	"	0000	—	L	G	5	3	1	X	—	1		—	0	DUP OF 03SB0650610

REMARKS/OBSERVATIONS/NOTES:

If the analyses block is Xed then the sample aliquot will come from the container (4oz jar) to the left.

SAMPLER (S): CONTI / ROGERS

SIGNATURE(S): SJ Conti

SOIL & SEDIMENT MULTIPLE SAMPLE LOG SHEET

Tetra Tech NUS, Inc.

[X] Surface Soil (SS) [] Sediment (SD)
[X] Subsurface Soil (SB) [] Other _____

Project Site Name: NSWC CRANE
Project Number: N8383
Laboratory: LAUCKS
C.O.C. No.: 3616/3617

Date: 4-17-04
Sample Method: Direct Push Tech.

SAMPLE ID NUMBER	SAMPLE LOCATION	TIME	DEPTH (Ft.)	CONCENTRATION (L)LOW (H)HIGH	(G) GRAB (C) COMPOSITE	TOTAL No. OF CONTAINERS	ANALYSES: VOCs Encore Sampler	Explosives	RDX Degradation Products	TAL Metals	Perchlorate	TOC / pH / CEC	SOIL GROUP #	PID READING	SOIL DESCRIPTION & VOC COLLECTION DEPTH
03SB0651014	03SB065	1035	10-14	L	G	5	3	1	X	–	1		NA	0	CLAY/ WEATH SHALE
03SS1100002	03SB110	1100	0-2	L	G	2	–	1	–	1	–		3	0	SANDY CLAY
03SB1100206	"	1110	2-6	L	G	2	–	1	–	1	–		6	0	SILTY CLAY
03SB1100610	"	1115	6-10	L	G	5	3	1	–	1	–		6	0	SILTY SAND
03SB1101014	"	1125	10-12.5	L	G	5	3	1	–	1	–		6	0	SANDY CLAY 12.5' SANDSTONE BOTM

REMARKS/OBSERVATIONS/NOTES:

If the analyses block is Xed then the sample aliquot will come from the container (4oz jar) to the left.

SAMPLER (S): CONTI / ROGERS

SIGNATURE(S): SJConti

SOIL & SEDIMENT MULTIPLE SAMPLE LOG SHEET

Tetra Tech NUS, Inc.

[X] Surface Soil (SS)
[X] Subsurface Soil (SB)
[] Sediment (SD)
[] Other _____

Project Site Name: NSWC CRANE
Project Number: N8383
Laboratory: LAUCKS
C.O.C. No.: 3617

Date: 4-17-04
Sample Method: Direct Push Tech.

SAMPLE ID NUMBER	SAMPLE LOCATION	TIME	DEPTH (Ft.)	CONCENTRATION (L)LOW (H)HIGH	(G) GRAB (C) COMPOSITE	TOTAL No. OF CONTAINERS	ANALYSES: VOCs Encore Sampler	Explosives	HDX Degradation Products	TAL Metals	Perchlorate	TOC / pH / CEC	SOIL GROUP #	PID READING	SOIL DESCRIPTION & VOC COLLECTION DEPTH
03SS0640002	03SB064	1315	0-2	L	G	4	–	2	–	2	–		3	0	MS/MSD – CLAY & WEATH. SHALE
03SB0640206	"	1330	2-4.5	L	G	2	–	1	–	1	–		NA	0	WEATH. SHALE. DPT 2-4.5
03SS1110002	03SB111	1345	0-2	L	G	2	–	1	X	–	1		3	0	SANDY SILT – ROOTS
03SB1110206	"	1400	2-6	L	G	2	–	1	X	–	1		6	0	SILTY/SANDY CLAY
03SB1110610	"	1410	6-9	L	G	5	3	1	X	–	1		NA	0	WEATHERED SHALE. DPT 6-9
03SS0790002	03SB079	1430	0-2	L	G	2	–	1	X	–	1		3	0	SANDY CLAY
03SB0790206	"	1440	2-6	L	G	2	–	1	X	–	1		6	0	CLAYEY SAND
03SB0790610	"	1450	6-10	L	G	13	9	2	X	–	2		6	0	DO MS/MSD CLAYEY SAND – ROCK FRAGS
03SB0791014	"	1505	6-12	L	G	5	3	1	X	–	1		6	0	SANDY CLAY
FD04170402	03SB079	[illegible]	2-6	L	G	2	–	1	X	–	1		–	0	DUP OF 03SB0790206

REMARKS/OBSERVATIONS/NOTES:

○ MS/MSD

If the analyses block is Xed then the sample aliquot will come from the container (4oz jar) to the left.

SAMPLER (S): CONTI / ROGERS

SIGNATURE(S): [signature]

SOIL & SEDIMENT MULTIPLE SAMPLE LOG SHEET

Tetra Tech NUS, Inc.

[X] Surface Soil (SS)
[X] Subsurface Soil (SB)
[] Sediment (SD)
[] Other _____

Project Site Name: NSWC CRANE
Project Number: N8383
Laboratory: LAUCKS
C.O.C. No.: 3617/ 3618

Date: 4-17-04
Sample Method: Direct Push Tech.

SAMPLE ID NUMBER	SAMPLE LOCATION	TIME	DEPTH (Ft.)	CONCENTRATION (L)LOW (H)HIGH	(G) GRAB (C) COMPOSITE	TOTAL No. OF CONTAINERS	ANALYSES: VOCs Encore Sampler	Explosives	RDX Degradation Products	TAL Metals	Perchlorate	TOC / pH / CEC	SOIL GROUP #	PID READING	SOIL DESCRIPTION & VOC COLLECTION DEPTH
03SS0800002	03SB080	1525	0-2	L	G	2	—	1	—	1	—		3	0	SANDY CLAY
03SB0800206	"	1535	2-6	L	G	2	—	1	—	1	—		6	0	CLAYEY SAND
03SB0800610	"	1545	6-10	L	G	5	3	1	—	1	—		6	0	" "
03SB0801014	"	1550	10-12	L	G	5	3	1	—	1	—		6	0	" " [SAMPLED 10-12.5]
03SS0810002	03SB081	1610	0-2	L	G	1	—	1	—	—	—		3	0	SANDY CLAY
03SB0810206	"	1620	2-6	L	G	1	—	1	—	—	—		6	0	SILTY CLAY
03SB0810610	"	1630	6-10	L	G	11	9	2	—	—	—		6	0	DO MS/MSD SANDY SILT/CLAY [SAMPLED 6-9]
FD0417040 3	"	0000	6-10	L	G	4	3	1	—	—	—		—	0	DUP OF [03SB0810610]

REMARKS/OBSERVATIONS/NOTES: ○ MS/MSD

If the analyses block is Xed then the sample aliquot will come from the container (4oz jar) to the left.

SAMPLER (S): CONTI / ROGERS

SIGNATURE(S): SJ Conti

SOIL & SEDIMENT MULTIPLE SAMPLE LOG SHEET

Tetra Tech NUS, Inc.

[X] Surface Soil (SS)
[X] Subsurface Soil (SB)
[] Sediment (SD)
[] Other _____

Project Site Name: NSWC CRANE
Project Number: N8383
Laboratory: LAUCKS
C.O.C. No.: 3618 / 3622

Date: 4-18-04
Sample Method: Direct Push Tech.

SAMPLE ID NUMBER	SAMPLE LOCATION	TIME	DEPTH (Ft)	CONCENTRATION (L)LOW (H)HIGH	(G) GRAB (C) COMPOSITE	TOTAL No. OF CONTAINERS	ANALYSES: VOCs Encore Sampler	Explosives	RDX Degradation Products	TAL Metals	Perchlorate	TOC / pH / CEC	SOIL GROUP #	PID READING	SOIL DESCRIPTION & VOC COLLECTION DEPTH
03SS082000 2	03SB082	0820	0-2	L	G	2	—	1	—	1	—		3	0	SANDY CLAY - TR ASH - ROCK
03SB0820206	"	0835	2-6	L	G	2	—	1	—	1	—		6	0	" " " "
03SB0820610	"	0845	6-10	L	G	5	3	1	—	1	—		6	0	SAND CLAY MIX - TR ASH.
03SB0821014	"	0855	10-13	L	G	5	3	1	—	1	—		6	0	SAND/ TR ASH - SANDSTONE
03SS0830002	03SB083	0910	0-2	L	G	2	—	1	X	—	1		3	0	SANDY CLAY
03SB0830206	"	0925	2-6	L	G	2	—	1	X	—	1		6	0	SAND (F/M) TR CLAY.
03SB0830610	"	0935	6-10	L	G	13	9	2	X	—	2		6	0	DO MS/MSD SAND/SANDSTONE FRAGS
⊙ FD041804-01	"	0000	6-10	L	G	5	3	1	X	—	1		—	—	DUP OF 03SB0830610
03SB0840002	03SB084	0955	0-2	L	G	2	—	1	—	1	—		3	0	CLAYEY SAND
03SB0840206	"	1000	2-6	L	G	2	—	1	—	1	—		6	0	SILTY CLAY/SAND
03SB0840610	"	1010	6-8.5	L	G	5	3	1	—	1	—		6	0	TR. ASH. CLAY/SAND DPT SAMPLED (6-8.5)

REMARKS/OBSERVATIONS/NOTES: ◯ MS/MSD
⊙ DUP

If the analyses block is Xed then the sample aliquot will come from the container (4oz jar) to the left.

SAMPLER (S): CONTI / ROGERS

SIGNATURE(S): S. Conti

SOIL & SEDIMENT MULTIPLE SAMPLE LOG SHEET

Tetra Tech NUS, Inc.

[X] Surface Soil (SS)
[X] Subsurface Soil (SB)
[] Sediment (SD)
[] Other _____

Project Site Name: NSWC CRANE
Project Number: N8383
Laboratory: LAUCKS
C.O.C. No.: 3622 / 3620

Date: 4-18-04
Sample Method: Direct Push Tech.

SAMPLE ID NUMBER	SAMPLE LOCATION	TIME	DEPTH (Ft.)	CONCENTRATION (L)LOW (H)HIGH	(G) GRAB (C) COMPOSITE	TOTAL No. OF CONTAINERS	ANALYSES: VOCs Encore Sampler	Explosives	RDX Degradation Products	TAL Metals	Perchlorate	TOC / pH / CEC	SOIL GROUP #	PID READING	SOIL DESCRIPTION & VOC COLLECTION DEPTH
03SS114 0002	03SB114	1020	0-2	L	G	2	—	1	—	1	—		3	0	SANDY CLAY
03SB114 0206	"	1030	2-6	L	G	2	—	1	—	1	—		6	0	CLAYEY SAND
03SB114 0610	"	1040	6-9	L	G	5	3	1	—	1	—		6	0	SAND/SANDSTONE DPT SAMPLED 6-9
03SS088 0002	03SB088	1050	0-2	L	G	2	—	1	—	1	—		3	0	SANDY CLAY
03SB088 0206	"	1100	2-6	L	G	2	—	1	—	1	—		6	0	SANDY CLAY
⊙ FD041804 02	"	0000	2-6	L	G	2	—	1	—	1	—		—	—	DUP OF 03SB088 0206
03SS089 0002	03SB089	1115	0-2	L	G	2	—	1	X	—	1		3	0	SANDY CLAY
03SB089 0206	"	1125	2-6	L	G	2	—	1	X	—	1		NA	0	WEATHERED SHALE
03SS090 0002	03SB090	1315	0-2	L	G	2	—	1	—	1	—		3	0	SILTY CLAY. TR ROOTS
03SB090 0206	"	1330	2-6	L	G	2	—	1	—	1	—		6	0	SILTY CLAY - TR SAND
03SB090 0610	"	1345	6-10	L	G	5	3	1	—	1	—		NA	0	WEATH SHALE

REMARKS/OBSERVATIONS/NOTES:

⊙ DUP

If the analyses block is Xed then the sample aliquot will come from the container (4oz jar) to the left.

SAMPLER (S): CONTI / ROGERS

SIGNATURE(S): SJ Conti

SOIL & SEDIMENT MULTIPLE SAMPLE LOG SHEET

Tetra Tech NUS, Inc.

[X] Surface Soil (SS) [] Sediment (SD)
[X] Subsurface Soil (SB) [] Other _____

Project Site Name: NSWC CRANE
Project Number: N8383
Laboratory: LAUCKS
C.O.C. No.: 3620

Date: 4-18-04
Sample Method: Direct Push Tech.

SAMPLE ID NUMBER	SAMPLE LOCATION	TIME	DEPTH (Ft.)	CONCENTRATION (L)LOW (H)HIGH	(G) GRAB (C) COMPOSITE	TOTAL No. OF CONTAINERS	ANALYSES: VOCs Encore Sampler	Explosives	RDX Degradation Products	TAL Metals	Perchlorate	TOC / pH / CEC	SOIL GROUP #	PID READING	SOIL DESCRIPTION & VOC COLLECTION DEPTH
03SS08600002	03SB086	1420	0-2	L	G	2	—	1	—	1	—		3	0	SANDY CLAY - TR ASH
03SB0860206	"	1430	2-6	L	G	2	—	1	—	1	—		6	0	SILTY CLAY - TR SAND
03SB0860610	"	1435	6-10	L	G	5	3	1	—	1	—		6	0	SAND, CLAY, TR GRAVEL
03SB0861014	"	1445	10-14	L	G	5	3	1	—	1	—		6	0	CLAY & SAND
03SS0850002	03SB085	1455	0-2	L	G	1	—	1	—	—	—		3	0	SILTY CLAY
⊙ FD04180403	"	0000	0-2	L	G	1	—	1	—	—	—		6	0	" "
03SB0850206	"	1500	2-6	L	G	1	—	1	—	—	—		6	0	SANDY CLAY
03SB0850610	"	1510	6-10	L	G	4	3	1	—	—	—		6	0	CLAY/SAND
03SB0851014	"	1520	10-13	L	G	4	3	1	—	—	—		6	0	CLAY/SANDSTONE FRAGS (DPT 10-13)
03SS0870002	03SB087	1530	0-2	L	G	2	—	1	X	—	1		3	0	SILTY CLAY
03SB0870206	"	1540	2-6	L	G	2	—	1	X	—	1		6	0	" "
03SB0870610	"	1600	6-10	L	G	5	3	1	X	—	1		6	0	SILTY SAND - TR CLAY
REMARKS/OBSERVATIONS/NOTES:															
03SB0871014	"	1610	10-13	L	G	13	9	2	X	—	2		6	0	CLAYEY SAND (DO MS/MSD) DPT 10-13

○ - MS/MSD
⊙ - DUP

If the analyses block is Xed then the sample aliquot will come from the container (4oz jar) to the left.

SAMPLER (S): CONTI / ROGERS

SIGNATURE(S): SJ Conti

SOIL & SEDIMENT MULTIPLE SAMPLE LOG SHEET

Tetra Tech NUS, Inc.

[X] Surface Soil (SS)
[X] Subsurface Soil (SB)
[] Sediment (SD)
[] Other _____

Project Site Name: NSWC CRANE
Project Number: N8383
Laboratory: LAUCKS
C.O.C. No.: 3623 / 3621

Date: 4-19-04
Sample Method: Direct Push Tech.

SAMPLE ID NUMBER	SAMPLE LOCATION	TIME	DEPTH (Ft.)	CONCENTRATION (L)LOW (H)HIGH	(G) GRAB (C) COMPOSITE	TOTAL No. OF CONTAINERS	ANALYSES: VOCs Encore Sampler	Explosives	RDX Degradation Products	TAL Metals	Perchlorate	TOC / pH / CEC	SOIL GROUP #	PID READING	SOIL DESCRIPTION & VOC COLLECTION DEPTH
03SS118 0002	03SB118	0905	0-2	L	G	2	—	1	—	1	—		3	0	CLAYEY SILT / SANDY SILT
03SB118 0206	"	0910	2-6	L	G	3	—	1	—	(2)	—		7	0	" " (DOMS/MSD METALS)
FD041904 01	"	0910	2-6	L	G	1	—	—	—	1	—		7	0	" "
03SB118 0610	"	0920	6-10	L	G	5	3	1	—	1	—		6	0	SILTY SAND
03SB118 0014	"	0930	10-12.5	L	G	5	3	1	—	1	—		6	0	CLAYEY SAND - TR ROCK FRAG
03SS092 0002	03SB092	0940	0-2	L	G	2	—	1	—	1	—		3	0	SANDY CLAY
03SB092 0206	"	0945	2-6	L	G	2	—	1	—	1	—		6	0	" "
03SB092 0610	"	0950	6-8.5	L	G	5	3	1	—	1	—		6	0	SANDSTONE FRAGS - SAND
03SS095 0002	03SB095	1000	0-2	L	G	2	—	1	X	—	1		3	0	SILTY SAND - TR CLAY
03SB095 0206	"	1005	2-6	L	G	2	—	1	X	—	1		6	0	CLAYEY SAND - SOME ROCK FRAGS
03SB095 0610	"	1015	6-7.5	L	G	5	3	1	X	—	1		6	0	SILTY SAND - ROCK FRAGS

REMARKS/OBSERVATIONS/NOTES: (2) MS/MSD (METALS ONLY)

If the analyses block is Xed then the sample aliquot will come from the container (4oz jar) to the left.

SAMPLER (S): CONTI / ROGERS

SIGNATURE(S): S. Conti

SOIL & SEDIMENT MULTIPLE SAMPLE LOG SHEET

Tetra Tech NUS, Inc.

[X] Surface Soil (SS)
[X] Subsurface Soil (SB)
[] Sediment (SD)
[] Other _____

Project Site Name: NSWC CRANE
Project Number: N8383
Laboratory: LAUCKS
C.O.C. No.: 3623

Date: 4-19-04
Sample Method: Direct Push Tech.

SAMPLE ID NUMBER	SAMPLE LOCATION	TIME	DEPTH (Ft.)	CONCENTRATION (L)LOW (H)HIGH	(G) GRAB (C) COMPOSITE	TOTAL No. OF CONTAINERS	ANALYSES: VOCs Encore Sampler	Explosives	RDX Degradation Products	TAL Metals	Perchlorate	TOC / pH / CEC	SOIL GROUP #	PID READING	SOIL DESCRIPTION & VOC COLLECTION DEPTH
03SS0960002	03SB096	1020	0-2	L	G	2	—	1	—	1	—		3	0	SILTY SAND/SOME ROCK
03SB0960206	"	1025	2-6	L	G	2	—	1	—	1	—		6	0	CLAYEY SAND/ " "
03SB0960610	"	1030	6-8.5	L	G	5	3	1	—	1	—		6	0	SAND AND SANDSTONE FRAGS
03SS0980002	03SB098	1045	0-2	L	G	2	—	1	—	1	—		3	0	SILTY SAND
03SB0980206	"	1050	2-6	L	G	3	—	1	—	(2)	—		6	0	" " AND ROCK.
03SB0980610	"	1100	6-7.5	L	G	5	3	1	—	1	—		6	0	" " "
03SS0930002	03SB093	1115	0-2	L	G	1	—	1	—	—	—		3	0	SANDY CLAY - TR ROOTS
03SB0930206	"	1125	2-6	L	G	1	—	1	—	—	—		6	0	SAND AND CLAY
03SB0930610	"	1130	6-10	L	G	4	3	1	—	—	—		6	0	SANDY CLAY - ROCK FR
03SB0931014	"	1140	10-14	L	G	4	3	1	—	—	—		6	0	SANDY SILTY CLAY

REMARKS/OBSERVATIONS/NOTES: (2) MS/MSD METALS

If the analyses block is Xed then the sample aliquot will come from the container (4oz jar) to the left.

SAMPLER (S): CONTI / ROGERS

SIGNATURE(S): SJ Conti

SOIL & SEDIMENT MULTIPLE SAMPLE LOG SHEET

Tetra Tech NUS, Inc.

[X] Surface Soil (SS) [X] Subsurface Soil (SB) [] Sediment (SD) [] Other _____

Project Site Name: NSWC CRANE
Project Number: N8383
Laboratory: LAUCKS
C.O.C. No.: 3624

Date: 4-19-04
Sample Method: Direct Push Tech.

SAMPLE ID NUMBER	SAMPLE LOCATION	TIME	DEPTH (Ft.)	CONCENTRATION (L)LOW (H)HIGH	(G) GRAB (C) COMPOSITE	TOTAL No. OF CONTAINERS	ANALYSES: VOCs Encore Sampler	Explosives	RDX Degradation Products	TAL Metals	Perchlorate	TOC / pH / CEC	SOIL GROUP #	PID READING	SOIL DESCRIPTION & VOC COLLECTION DEPTH
03SS07300002	03SB073	1340	0-2	L	G	2	—	1	X	—	1		3	0	CLAYEY SILT - TR SAND
03SB07300206	"	1350	2-6	L	G	2	—	1	X	—	1		6	0	SANDY CLAY
03SB07300610	"	1400	6-10	L	G	5	3	1	X	—	1		6	0	" "
03SB07310014	"	1410	10-13	L	G	6	3	(2)	X	—	1		6	0	DO MS/MSD EXPL SANDY CLAY/SHALE FRAGS
03SS07000002	03SB070	1415	0-2	L	G	2	—	1	—	1	—		3	0	SILTY CLAY - TR ROOTS
03SB07000206	"	1425	2-6	L	G	2	—	1	—	1	—		6	0	SANDY CLAY - TR ROCK
03SB07000610	"	1430	6-10	L	G	5	3	1	—	1	—		6	0	SILTY CLAY - " "
03SB07010014	"	1435	10-11.5	L	G	5	3	1	—	1	—		6	0	" " " "
03SS069 0002	03SB069	1450	0-2	L	G	1	—	1	—	—	—		3	0	SILTY CLAY - TR ROOTS
03SB06900206	"	1500	2-6	L	G	1	—	1	—	—	—		6	0	" "
03SB06900610	"	1510	6-9	L	G	4	3	1	—	—	—		NA	0	WEATH SHALE
FD04190402	"	[illegible]	2-6	L	G	1	—	1	—	—	—		—	0	DUP OF 03SB06900206

REMARKS/OBSERVATIONS/NOTES: (2) DO MS/MSD EXP + RDX.

If the analyses block is Xed then the sample aliquot will come from the container (4oz jar) to the left.

SAMPLER (S): CONTI / ROGERS

SIGNATURE(S): SJ Conti

SOIL & SEDIMENT MULTIPLE SAMPLE LOG SHEET

Tetra Tech NUS, Inc.

[X] Surface Soil (SS)
[X] Subsurface Soil (SB)
[] Sediment (SD)
[] Other _____

Project Site Name: NSWC CRANE
Project Number: N8383
Laboratory: LAUCKS
C.O.C. No.: 3625

Date: 4-19-07
Sample Method: Direct Push Tech.

SAMPLE ID NUMBER	SAMPLE LOCATION	TIME	DEPTH (FT.)	CONCENTRATION (L)LOW (H)HIGH	(G) GRAB (C) COMPOSITE	TOTAL No. OF CONTAINERS	ANALYSES: VOCs Encore Sampler	Explosives	RDX Degradation Products	TAL Metals	Perchlorate	TOC / pH / CEC	SOIL GROUP #	PID READING	SOIL DESCRIPTION & VOC COLLECTION DEPTH
03SS07100002	03SB071	1520	0-2	L	G	2	—	1	X	—	1		3	0	CLAY - TR ROOTS
03SB07100206	"	1530	2-5	L	G	2	—	1	X	—	1		6	0	SILTY CLAY - TR ROCK FRAGS
03SS07200002	03SB072	1625	0-2	L	G	2	—	1	—	1	—		6	0	SILTY/SANDY CLAY "
03SB07200206	"	1630	2-6	L	G	2	—	1	—	1	—		6	0	SILTY CLAY
03SB07200610	"	1635	6-10	L	G	5	3	1	—	1	—		NA	0	WEATHERED SHALE.

REMARKS/OBSERVATIONS/NOTES:

If the analyses block is Xed then the sample aliquot will come from the container (4oz jar) to the left.

SAMPLER (S): CONTI / ROGERS

SIGNATURE(S): S. Conti

SOIL & SEDIMENT MULTIPLE SAMPLE LOG SHEET

Tetra Tech NUS, Inc.

[X] Surface Soil (SS)
[X] Subsurface Soil (SB)
[] Sediment (SD)
[] Other _____

Project Site Name: NSWC CRANE
Project Number: N8383
Laboratory: LAUCKS
C.O.C. No.: 3626/3629

Date: 4/20/04
Sample Method: Direct Push Tech.

SAMPLE ID NUMBER	SAMPLE LOCATION	TIME	DEPTH (Ft.)	CONCENTRATION (L)LOW (H)HIGH	(G) GRAB (C) COMPOSITE	TOTAL No. OF CONTAINERS	ANALYSES: VOCs Encore Sampler	Explosives	RDX Degradation Products	TAL Metals + TIN	Perchlorate	TOC / pH / CEC	SOIL GROUP #	PID READING	SOIL DESCRIPTION & VOC COLLECTION DEPTH
03SS0780002	03SB078	0910	0-2	L	G	2	—	1	—	1	—	X	3	0	SILTY CLAY / CLAYEY SILT
03SB0780206	"	0915	2-6	L	G	4	—	(2)		(2)		(X)	6	0	DO MS/MSD SILTY CLAY / WEATHERED SHALE
FD04200401	"	0000	2-6	L	G	2	—	1	—	1	—	X	—	0	DUP OF 03SB0780206
03SB0780610	"	0930	6-8	L	G	5	3	1	—	1	—	X	NA	0	WEATHERED SHALE
03SS0770002	03SB077	0950	0-2	L	G	2	—	1	X	—	1	—	3	0	SANDY CLAY - TR ROCK
03SB0770206	"	0955	2-6	L	G	2	—	1	X	—	1	—	6	0	SANDY/SILTY CLAY "
03SB0770610	"	1000	6-8	L	G	5	3	1	X	—	1	—	6	0	CLAY & SHALE
03SS0760002	03SB076	1050	0-2	L	G	2	—	1	—	1	—	—	3	0	SILTY SAND
03SB0760206	"	1100	2-6	L	G	2	—	1	—	1	—	—	6	0	CLAYEY SAND
03SB0760610	"	1105	6-10	L	G	5	3	1	—	1	—	—	6	0	CLAYEY SAND / CLAY
03SB0761014	"	1115	10-14	L	G	5	3	1	—	1	—	—	NA	0	CLAY / SHALE.

REMARKS/OBSERVATIONS/NOTES: (2) MS/MSD ON ALL

If the analyses block is Xed then the sample aliquot will come from the container (4oz jar) to the left.

SAMPLER (S): CONTI / ROGERS

SIGNATURE(S): SJ Conti

SOIL & SEDIMENT MULTIPLE SAMPLE LOG SHEET

Tetra Tech NUS, Inc.

[X] Surface Soil (SS)
[X] Subsurface Soil (SB)
[] Sediment (SD)
[] Other _____

Project Site Name: NSWC CRANE
Project Number: N8383
Laboratory: LAUCKS
C.O.C. No.: 3626 / 3627

Date: 4/20/04
Sample Method: Direct Push Tech.

SAMPLE ID NUMBER	SAMPLE LOCATION	TIME	DEPTH (Ft.)	CONCENTRATION (L)LOW (H)HIGH	(G) GRAB (C) COMPOSITE	TOTAL No. OF CONTAINERS	ANALYSES: VOCs Encore Sampler	Explosives	RDX Degradation Products	TAL Metals + T1N	Perchlorate	TOC / pH / CEC	SOIL GROUP #	PID READING	SOIL DESCRIPTION & VOC COLLECTION DEPTH
03SS1020002	03SB102	1325	0-2	L	G	2	—	(2)	—	—	—		3	0	DO MS/MSD CLAYEY SILT- ROOTS
03SB1020206	"	1330	2-6	L	G	1	—	1	—	—	—		7	0	CLAYEY SILT/SAND
03SB1020610	"	1340	6-10	L	G	4	3	1	—	—	—		6	15	SAND AND CLAY-TR ASH
03SB1021014	"	1350	10-13	L	G	4	3	1	—	—	—		6	209	CLAY, SAND, SHALE.
03SS1000002	03SB100	1400	0-2	L	G	2	—	1	—	1	—		3	0	SILTY/SANDY CLAY
03SB1000206	"	1420	2-6	L	G	2	—	1	—	1	—		6	0	SILTY CLAY ROCK FRAGS
03SB1000610	"	1435	6-10	L	G	5	3	1	—	1	—		6	5	ASH/SAND/CLAY.
03SB1001014	"	1445	10-14	L	G	5	3	1	—	1	—		6	0	CLAY/SHALE
03SS1030002	03SB103	1500	0-2	L	G	2	—	1	X	1	X		3	0	SANDY CLAY
03SB1030206	"	1505	2-6	L	G	2	—	1	X	1	X		6	0	CLAYEY SAND
03SB1030610	"	1510	6-10	L	G	5	3	1	X	1	X		6	257	SAND, CLAY, ASH MIX (VOAS 11-12)
03SB1031014	"	1520	10-11	L	G	5	3	*	*	*	*		6	5	SAND/SANDSTONE

REMARKS/OBSERVATIONS/NOTES:

* NOT ENOUGH SAMPLE FOR THESE PARAMETERS
DPT 10-11 ONLY - HIT REF AT 11'

If the analyses block is Xed then the sample aliquot will come from the container (4oz jar) to the left.

SAMPLER (S): CONTI / ROGERS

SIGNATURE(S): S. Conti

SOIL & SEDIMENT MULTIPLE SAMPLE LOG SHEET

Tetra Tech NUS, Inc.

[X] Surface Soil (SS)
[X] Subsurface Soil (SB)
[] Sediment (SD)
[] Other _____

Project Site Name: NSWC CRANE
Project Number: N8383
Laboratory: LAUCKS
C.O.C. No.: 3627

Date: 4/20/04
Sample Method: Direct Push Tech.

SAMPLE ID NUMBER	SAMPLE LOCATION	TIME	DEPTH (Ft.)	CONCENTRATION (L)LOW (H)HIGH	(G) GRAB (C) COMPOSITE	TOTAL No. OF CONTAINERS	ANALYSES: VOCs Encore Sampler	Explosives	RDX Degradation Products	TAL Metals + TIN	Perchlorate	TOC / pH / CEC	SOIL GROUP #	PID READING	SOIL DESCRIPTION & VOC COLLECTION DEPTH
03SS101 0002	03SB101	1545	0-2	L	G	2	—	1	X	1	X		3	0	SANDY CLAY (POOR REC JARS NOT FULL)
03SB101 0206	"	1550	2-6	L	G	2	—	1	X	1	X		6	0	" "
03SB101 0610	"	1555	6-10	L	G	5	3	1	X	1	X		6	0	CLAY & ASH
03SB101 1014	"	1600	10-14	L	G	5	3	1	X	1	X		NA	81	WEATHERED SHALE

REMARKS/OBSERVATIONS/NOTES:

If the analyses block is Xed then the sample aliquot will come from the container (4oz jar) to the left.

SAMPLER (S): CONTI / ROGERS

SIGNATURE(S): S Conti

SOIL & SEDIMENT MULTIPLE SAMPLE LOG SHEET

Tetra Tech NUS, Inc.

[X] Surface Soil (SS)
[X] Subsurface Soil (SB)
[] Sediment (SD)
[] Other _____

Project Site Name: NSWC CRANE
Project Number: N8383
Laboratory: LAUCKS
C.O.C. No.: 3630

Date: 4/21/04
Sample Method: Direct Push Tech.

SAMPLE ID NUMBER	SAMPLE LOCATION	TIME	DEPTH (Ft.)	CONCENTRATION (L)LOW (H)HIGH	(G) GRAB (C) COMPOSITE	TOTAL No. OF CONTAINERS	ANALYSES: VOCs Encore Sampler	Explosives	RDX Degradation Products	TAL Metals / TIN	Perchlorate	TOC / pH / CEC	SOIL GROUP #	PID READING	SOIL DESCRIPTION & VOC COLLECTION DEPTH
03SS0940002	03SB094	0830	0-2	L	G	2	—	1	—	1	—		3	0	SANDY SILT
FD042104-01	"	0000	0-2	L	G	1	—	—	—	1	—		—	0	DUP OF METALS ONLY DUP OF 03SS0940002
03SB0940206	"	0835	2-6	L	G	2	—	1	—	1	—		6	0	CLAYEY SAND
03SB0940610	"	0850	6-9.5	L	G	6	3	1	—	(2)	—		6	0	DO MS/MSD ON METALS SAND & SANDSTONE FRAGS
03SS0970002	03SB097	0905	0-2	L	G	2	—	1	X	—	1		3	0	SANDY SILT-ROOTS
03SB0970206	"	0920	2-6	L	G	3	—	(2)	X	—	1		6	0	CLAYEY SILTY SILT/SAND DO MS/MSD EXPL
03SB0970610	"	0930	6-9.5	L	G	5	3	1	X	—	1		6	0	SAND AND SANDSTONE
03SS0990002	03SB099	0940	0-2	L	G	1	—	1	—	—	—		3	0	SANDY SILT
03SB0990206	"	0945	2-6	L	G	1	—	1	—	—	—		6	0	SILTY SAND/ROCK
03SB0990610	"	0950	6-8	L	G	4	3	1	—	—	—		6	0	SILTY SAND/SANSTONE FR

REMARKS/OBSERVATIONS/NOTES: (2) MS/MSD

If the analyses block is Xed then the sample aliquot will come from the container (4oz jar) to the left.

SAMPLER (S): CONTI/ROGERS

SIGNATURE(S): SJ Conti

SOIL & SEDIMENT MULTIPLE SAMPLE LOG SHEET

Tetra Tech NUS, Inc.

[X] Surface Soil (SS)
[X] Subsurface Soil (SB)
[] Sediment (SD)
[] Other _____

Project Site Name: NSWC CRANE
Project Number: N8383
Laboratory: LAUCKS
C.O.C. No.: 3630 / 3631

Date: 4/21/04
Sample Method: Direct Push Tech.

SAMPLE ID NUMBER	SAMPLE LOCATION	TIME	DEPTH (FT)	CONCENTRATION (L)LOW (H)HIGH	(G) GRAB (C) COMPOSITE	TOTAL No. OF CONTAINERS	ANALYSES: VOCs Encore Sampler	Explosives	RDX Degradation Products	TAL Metals	Perchlorate	TOC / pH / CEC	SOIL GROUP #	PID READING	SOIL DESCRIPTION & VOC COLLECTION DEPTH
03SS1040002	03SB104	1000	0-2	L	G	2	—	(2)	—	—	—		3	0	DO MS/MSD EXP SILTY SAND (TR ROOTS)
03SB1040206	"	1005	2-6	L	G	1	—	1	—	—	—		6	0	SILTY SAND - TR CLAY
03SB1040610	"	1015	6-10	L	G	4	3	1	—	—	—		6	0	SAND AND SANDSTONE FRAG
03SB1041014	"	1025	10-14	L	G	4	3	1	—	—	—		6	0	SAND AND SANDSTONE
03SS1190002	03SB119	1040	0-2	L	G	1	—	1	—	—	—		3	0	ROAD GRAVEL / SANDY CLAY
03SB1190206	"	1045	2-6	L	G	1	—	1	—	—	—		6	0	SANDY / SILTY CLAY - TR ROCK
03SB1190610	"	1050	6-10	L	G	4	3	1	—	—	—		6	0	SANDY CLAY / ROCK FRAGS.
03SB1191014	"	1100	10-13.5	L	G	4	3	1	—	—	—		6	0	SILTY SAND / CLAY / SANDSTONE FRAGS.

REMARKS/OBSERVATIONS/NOTES: (2) MS/MSD EXPL.

If the analyses block is Xed then the sample aliquot will come from the container (4oz jar) to the left.

SAMPLER (S): CONTI / ROGERS

SIGNATURE(S): SJ Conti

SOIL & SEDIMENT MULTIPLE SAMPLE LOG SHEET

Tetra Tech NUS, Inc.

[X] Surface Soil (SS)
[X] Subsurface Soil (SB)
[] Sediment (SD)
[] Other _____

Project Site Name: NSWC CRANE
Project Number: N8383
Laboratory: LAUCKS
C.O.C. No.: 3631 / 3634

Date: 4/21/04
Sample Method: Direct Push Tech.

SAMPLE ID NUMBER	SAMPLE LOCATION	TIME	DEPTH (Ft.)	CONCENTRATION (L)LOW (H)HIGH	(G) GRAB (C) COMPOSITE	TOTAL No. OF CONTAINERS	ANALYSES: VOCs Encore Sampler	Explosives	RDX Degradation Products	TAL Metals + Ti, Zn	Perchlorate	TOC / pH / CEC	SOIL GROUP #	PID READING	SOIL DESCRIPTION & VOC COLLECTION DEPTH
03SS120 0002	03SB120	1325	0-2	L	G	2	—	1	X	1	X		3	0	ROAD GRAVEL BRN SANDY CLAY
03SB120 0206	"	1330	2-6	L	G	2	—	1	X	1	X		6	0	SANDY CLAY
03SB120 0610	"	1335	6-10	L	G	5	3	1	X	1	X		6	0	SANDY CLAY / SILTY SAND & ROCK FRAG.
03SB120 1014	"	1345	10-12	L	G	5	3	1	X	1	X		6	0	SILTY SAND - SOME SANDSTONE FRAGS
03SS121 0002	03SB121	1355	0-2	L	G	2	—	1	—	1	—		3	0	SILTY/SANDY CLAY
03SB121 0206	"	1400	2-6	L	G	2	—	1	—	1	—		6	0	" "
03SB121 0610	"	1405	6-10	L	G	5	3	1	—	1	—		6	0	CLAYEY SAND
03SB121 1014	"	1415	10-12.5	L	G	5	3	1	—	1	—		6	0	CLAYEY SAND AND SANDSTONE FRAGS
03SS116 0002	03SB116	1435	0-2	L	G	2	—	1	—	1	—	X	3	0	SANDY CLAY / SAND
03SB116 0206	"	1445	2-6	L	G	2	—	1	—	1	—	X	6	0	SILTY SAND - TR CLAY
03SB116 0610	"	1450	6-9.5	L	G	5	3	1	—	1	—	X	6	0	CLAYEY SAND

REMARKS/OBSERVATIONS/NOTES:

If the analyses block is Xed then the sample aliquot will come from the container (4oz jar) to the left.

SAMPLER (S): CONTI / ROGERS

SIGNATURE(S): S. Conti

SOIL & SEDIMENT MULTIPLE SAMPLE LOG SHEET

Tetra Tech NUS, Inc.

[X] Surface Soil (SS)
[X] Subsurface Soil (SB)
[] Sediment (SD)
[] Other _____

Project Site Name: NSWC CRANE
Project Number: N8383
Laboratory: LAUCKS
C.O.C. No.: 3634

Date: 4/21/04
Sample Method: Direct Push Tech.

SAMPLE ID NUMBER	SAMPLE LOCATION	TIME	DEPTH (Ft.)	CONCENTRATION (L)LOW (H)HIGH	(G) GRAB (C) COMPOSITE	TOTAL No. OF CONTAINERS	ANALYSES: VOCs Encore Sampler	Explosives	RDX Degradation Products	TAL Metals	Perchlorate	TOC / pH / CEC	SOIL GROUP #	PID READING	SOIL DESCRIPTION & VOC COLLECTION DEPTH
03SS1150002	03SB115	1505	0-2	L	G	1	—	1	—	—	—		3	0	SILTY SAND - TR ROOTS
03SB1150206	"	1515	2-6	L	G	1	—	1	—	—	—		6	0	SILTY CLAY
03SB1150610	"	1520	6-8	L	G	4	3	1	—	—	—		6	0	SANDSTONE FRAGS
03SS1170002	03SB117	1540	0-2	L	G	2	—	1	X	—	1		3	0	SANDY CLAY
03SB1170206	"	1545	2-6	L	G	2	—	1	X	—	1		6	0	SILTY CLAY - TR SAND
03SB1170610	"	1600	6-10	L	G	5	3	1	X	—	1		6	0	CLAY - TR SHALE
FD0421040 2	"	0000	6-10	L	G	1	—	1	X	—	—		—	0	DUP 03SB1170610
03SB1171014	"	1610	10-13	L	G	5	3	1	X	—	1		NA	0	WEATH. SHALE

REMARKS/OBSERVATIONS/NOTES:

If the analyses block is Xed then the sample aliquot will come from the container (4oz jar) to the left.

SAMPLER (S): CONTI / ROGERS

SIGNATURE(S): SJ Conti

SOIL & SEDIMENT MULTIPLE SAMPLE LOG SHEET

Tetra Tech NUS, Inc.

[X] Surface Soil (SS) [] Sediment (SD)
[X] Subsurface Soil (SB) [] Other _____

Project Site Name: NSWC CRANE
Project Number: N8383
Laboratory: LAUCKS
C.O.C. No.: 3635

Date: 4/22/04
Sample Method: Direct Push Tech.

SAMPLE ID NUMBER	SAMPLE LOCATION	TIME	DEPTH (Ft.)	CONCENTRATION (L)LOW (H)HIGH	(G) GRAB (C) COMPOSITE	TOTAL No. OF CONTAINERS	ANALYSES: VOCs Encore Sampler	Explosives	RDX Degradation Products	TAL Metals	Perchlorate	TOC / pH / CEC	SOIL GROUP #	PID READING	SOIL DESCRIPTION & VOC COLLECTION DEPTH
03SS0540002	03SB054	0840	0-2	L	G	2	—	1	—	1	—		3	0	CLAYEY SAND
03SB0540206	"	0850	2-3	L	G	5	3	1	—	1	—		6	0.6	0.6 PPM - SAND - SANDSTONE FRAGS
03SS0560002	03SB056	0905	0-2	L	G	2	—	1	—	1	—		3	0	SILTY CLAY - TR SHALE?
03SS0580002	03SB058	0920	0-2	L	G	2	—	1	—	1	—		3	0	CLAYEY SAND
03SB0580206	"	0925	2-6	L	G	2	—	1	—	1	—		6	0	SANDY CLAY
03SB0580610	"	0930	6-10	L	G	13	(9)	(2)	—	(2)	—		6	0	DO MS/MSD SILTY SAND/SANDSTONE
FD04220401	"	0000	"	L	G	5	3	1	—	1	—		—	0	DUP OF 03SB0580610
03SB0581014	"	0950	10-11.5	L	G	5	3	1	—	1	—		NA	0	SANDY SHALE
03SS0590002	03SB059	1000	0-2	L	G	2	—	1	X	—	1		3	0	CLAYEY SAND
FD04220402	"	0000	"	L	G	1	—	—	—	—	1		—	0	DUP OF 03SS0590002
03SB0590206	"	1010	2-4.5	L	G	2	—	1	X	—	1		6	0	SILTY SAND & SANDSTONE FRAGS

REMARKS/OBSERVATIONS/NOTES: DO (9) MS/MSD

If the analyses block is Xed then the sample aliquot will come from the container (4oz jar) to the left.

SAMPLER (S): CONTI / ROGERS

SIGNATURE(S): S. Conti

SOIL & SEDIMENT MULTIPLE SAMPLE LOG SHEET

Tetra Tech NUS, Inc.

[X] Surface Soil (SS)
[X] Subsurface Soil (SB)
[] Sediment (SD)
[] Other _____

Project Site Name: NSWC CRANE
Project Number: N8383
Laboratory: LAUCKS
C.O.C. No.: 3635

Date: 4/22/04
Sample Method: Direct Push Tech.

SAMPLE ID NUMBER	SAMPLE LOCATION	TIME	DEPTH (Ft.)	CONCENTRATION (L)LOW (H)HIGH	(G) GRAB (C) COMPOSITE	TOTAL No. OF CONTAINERS	ANALYSES: VOCs Encore Sampler	Explosives	RDX Degradation Products	TAL Metals	Perchlorate	TOC / pH / CEC	SOIL GROUP #	PID-READING	SOIL DESCRIPTION & VOC COLLECTION DEPTH
03SS06100002	03SB061	1080	0-2	L	G	3	—	1	X	—	(2)		3	0	ROAD DO MS MSD (PERCHL) GRAVEL FILL - SAND
03SB06100206	"	1045	2-6	L	G	5	3	1	X	—	1		NA	39	WEATHERED SHALE
03SB06100610	"	1100	6-7	L	G	5	3	1	X	—	1		NA	5	" " TR CLAY

REMARKS/OBSERVATIONS/NOTES: (O) MS/MSD

If the analyses block is Xed then the sample aliquot will come from the container (4oz jar) to the left.

SAMPLER (S): Conti / Rogers

SIGNATURE(S): SJConti

SOIL & SEDIMENT MULTIPLE SAMPLE LOG SHEET

Tetra Tech NUS, Inc.

[X] Surface Soil (SS)
[X] Subsurface Soil (SB)
[] Sediment (SD)
[] Other _____

Project Site Name: NSWC CRANE
Project Number: N8383
Laboratory: LAUCKS
C.O.C. No.: 3635 / 3636

Date: 4/22/04
Sample Method: Direct Push Tech.

SAMPLE ID NUMBER	SAMPLE LOCATION	TIME	DEPTH (FL)	CONCENTRATION (L)LOW (H)HIGH	(G) GRAB (C) COMPOSITE	TOTAL No. OF CONTAINERS	ANALYSES: VOCs Encore Sampler	Explosives	RDX Degradation Products	TAL Metals	Perchlorate	TOC / pH / CEC	SOIL GROUP #	PID READING	SOIL DESCRIPTION & VOC COLLECTION DEPTH
03SS074 0002	03SB074	1300	0-2	L	G	2	—	1	—	1	—		3	0	SANDY CLAY - TR ROOTS
03SB074 0206	"	1305	2-6	L	G	2	—	1	—	1	—		6	0	" " — " + ROOC
03SB074 0610	"	1315	6-10	L	G	5	3	1	—	1	—		6	0	" " — " + ROOC
03SB074 1014	"	1320	10-14	L	G	5	3	1	—	1	—		6	0	SANDY CLAY AND SHALE. (DO MS/MSD)
03SS075 0002	03SB075	1335	0-2	L	G	2	—	2	—	—	—		3	0	CLAYEY SAND
03SB075 0206	"	1340	2-6	L	G	1	—	1	—	—	—		7	0	CLAYEY SAND/ SILT & ROCK FRAGS
03SB075 0610	"	1345	6-9.5	L	G	4	3	1	—	—	—		6	0	SAND SHALE AND SANDSTONE
03SS107 0002	03SB107	1405	0-2	L	G	2	—	1	X	—	1		3	0	SANDY CLAY - TR ROCK FR.
03SB107 0206	"	1410	2-6	L	G	2	—	1	X	—	1		6	0	" " "
03SB107 0610	"	1415	6-10	L	G	5	3	1	X	—	1		6/7	37	VOAS (7-8) SILTY SAND/SILT/ROCK
03SB107 1014	"	1420	10-13.5	L	G	5	3	1	X	—	1		6	0	SAND/ SANDY SHALE (WEATHERED)

REMARKS/OBSERVATIONS/NOTES: 0 MS/MSD

If the analyses block is Xed then the sample aliquot will come from the container (4oz jar) to the left.

SAMPLER (S): CONTI / ROGERS

SIGNATURE(S): SJ Conti

SOIL & SEDIMENT MULTIPLE SAMPLE LOG SHEET

Tetra Tech NUS, Inc.

[X] Surface Soil (SS) [X] Subsurface Soil (SB) [] Sediment (SD) [] Other _____

Project Site Name: NSWC CRANE
Project Number: N8383
Laboratory: LAUCKS
C.O.C. No.: 3637

Date: 4/22/04
Sample Method: Direct Push Tech.

SAMPLE ID NUMBER	SAMPLE LOCATION	TIME	DEPTH (Ft.)	CONCENTRATION (L)LOW (H)HIGH	(G) GRAB (C) COMPOSITE	TOTAL No. OF CONTAINERS	ANALYSES: VOCs Encore Sampler	Explosives	RDX Degradation Products	TAL Metals	Perchlorate	TOC / pH / CEC	SOIL GROUP #	PID READING	SOIL DESCRIPTION & VOC COLLECTION DEPTH
03SS1080002	03SB108	1445	0-2	L	G	5	3	1	—	1	—		3	36	VOAS 1-2 CLAYEY SAND/SANDY CLAY
03SB1080206	"	1450	2-6	L	G	2	—	1	—	1	—		6	0	SILTY/SANDY CLAY
03SB1080610	"	1500	6-10	L	G	5	3	1	—	1	—		6	? *	POSSIBLE RDG * SILTY CLAY 8-9' (-100K VOA)
03SB1081014	"	1510	10-13.5	L	G	5	3	1	—	1	—		6	0	SAND AND CLAY SANDSTONE FRAGS
03SS1090002	03SB109	1530	0-2	L	G	1	—	1	—	—	—		3	0	CLAYEY SAND - ROCK FRAGS
03SB1090206	"	1535	2-6	L	G	1	—	1	—	—	—		6	0	SANDY CLAY - " "
03SB1090610	"	1540	6-10	L	G	4	3	1	—	—	—		7	0	SANDY CLAYEY SILT —
03SB1091014	"	1550	10-13	L	G	4	3	1	—	—	—		NA	0	WEATHERED SANDSTONE

REMARKS/OBSERVATIONS/NOTES:

* PID - ACTING INCORRECTLY HIGH MOISTURE/ HUMIDITY. (TRAINING)

If the analyses block is Xed then the sample aliquot will come from the container (4oz jar) to the left.

SAMPLER (S): CONTI/ ROGERS

SIGNATURE(S): S. Conti

SOIL & SEDIMENT MULTIPLE SAMPLE LOG SHEET

Tetra Tech NUS, Inc.

[X] Surface Soil (SS)
[X] Subsurface Soil (SB)
[] Sediment (SD)
[] Other _____

Project Site Name: NSWC CRANE
Project Number: N8383
Laboratory: LAUCKS
C.O.C. No.: 3640

Date: 4/23/04 FRI
Sample Method: Direct Push Tech.

SAMPLE ID NUMBER	SAMPLE LOCATION	TIME	DEPTH (Ft)	CONCENTRATION (L)LOW (H)HIGH	(G) GRAB (C) COMPOSITE	TOTAL No. OF CONTAINERS	ANALYSES: VOCs Encore Sampler	Explosives	RDX Degradation Products	TAL Metals	Perchlorate	TOC / pH / CEC	SOIL GROUP #	PID READING	SOIL DESCRIPTION & VOC COLLECTION DEPTH
03SS0910002	03SB091	0835	0-2	L	G	2	—	1	X	—	1		3	0	SANDY CLAY
03SB0910206	"	0840	2-6	L	G	4	—	(2)	(X)	—	(2)		6	0	MS/MSD CLAYEY SAND
FD042304 01	"	0000	2-6	L	G	2	—	1	X	—	1		—	0	DUP OF 03SB0910206
03SB0910610	"	0900	6-10	L	G	5	3	1	X	—	1		NA	0	WEATHERED SHALE
03SS1130002	03SB113	0925	0-2	L	G	2	—	1	X	—	1		3	0	CLAYEY SILT - ROOTS
03SB1130206	"	0930	2-4.5	L	G	2	—	1	X	—	1		6	0	CLAYEY SAND - SANDSTONE
03SS1120002	03SB112	1000	0-2	L	G	2	—	1	—	1	—		3	0	SANDY CLAY - TR ROCK
03SB1120206	"	1005	2-6	L	G	2	—	1	—	1	—		6	0	SANDY CLAY - WEATH SHALE
03SB1120610	"	1015	6-10	L	G	5	3	1	—	1	—		NA	0	WEATH SHALE

REMARKS/OBSERVATIONS/NOTES: (0) - DO MS/MSD

If the analyses block is Xed then the sample aliquot will come from the container (4oz jar) to the left.

SAMPLER (S): CONTI/ROGERS

SIGNATURE(S): S. Conti

SOIL & SEDIMENT MULTIPLE SAMPLE LOG SHEET

Tetra Tech NUS, Inc.

[X] Surface Soil (SS)
[X] Subsurface Soil (SB)
[] Sediment (SD)
[] Other _____

Project Site Name: NSWC CRANE
Project Number: N8383
Laboratory: LAUCKS
C.O.C. No.: 3640 / 3641

Date: 4-23-04 FRI
Sample Method: Direct Push Tech.

SAMPLE ID NUMBER	SAMPLE LOCATION	TIME	DEPTH (Ft.)	CONCENTRATION (L)LOW (H)HIGH	(G) GRAB (C) COMPOSITE	TOTAL No. OF CONTAINERS	ANALYSES: VOCs Encore Sampler	Explosives	RDX Degradation Products	TAL Metals	Perchlorate	TOC / pH / CEC	SOIL GROUP #	PID READING	SOIL DESCRIPTION & VOC COLLECTION DEPTH
03SS0510002	03SB051	1230	0-2	L	G	2	—	1	X	1	X		3	0	SILTY SAND - ROCK FRAG
03SB0510206	"	1250	2-6	L	G	2	—	1	X	1	X		6	0	SILTY SAND - CLAYEY SILT
03SB0510610	"	1300	6-10	L	G	5	3	1	X	1	X		6	0	" " SANDSTONE FRAGS
03SS0520002	03SB052	1325	0-2	L	G	2	—	1	—	1	—		3	0	SANDY CLAY - TR ROCK FRAG
03SB0520206	"	1345	2-6	L	G	3	—	1	—	2	—		7	0	SANDY SILT. TR ROOTS
FD042304 02	"	0000	2-6	L	G	1	—	—	—	1	—		—	0	DUP OF 03SB0520206
03SB0520610	"	1400	6-10	L	G	5	3	1	—	1	—		6	0	SILTY SAND/SANDSTONE
03SB0521014	"	1415	10-13.5	L	G	5	3	1	—	1	—		6	0	SAND/ WEATHERED SANDSTONE FRAGS
03SS0490002	03SB049	1430	0-2	L	G	2	—	1	X	1	X		3	0	SANDY CLAY - SOME ROCK
03SB0490206	"	1440	2-6	L	G	2	—	1	X	1	X		6	0	SILTY SAND - "
03SB0490610	"	1445	6-10	L	G	5	3	1	X	1	X		6	0	" " "
03SB0491014	"	1500	10-14	L	G	5	3	1	X	1	X		6	0	CLAYEY SAND AND SANDSTONE FRAGS

REMARKS/OBSERVATIONS/NOTES:

If the analyses block is Xed then the sample aliquot will come from the container (4oz jar) to the left.

SAMPLER (S): CONTI / ROGERS

SIGNATURE(S): S. Conti

SOIL & SEDIMENT MULTIPLE SAMPLE LOG SHEET

Tetra Tech NUS, Inc.

[X] Surface Soil (SS)
[X] Subsurface Soil (SB)
[] Sediment (SD)
[] Other _____

Project Site Name: NSWC CRANE
Project Number: N8383
Laboratory: LAUCKS
C.O.C. No.: 3641

Date: 4/23/04 FRI
Sample Method: Direct Push Tech.

SAMPLE ID NUMBER	SAMPLE LOCATION	TIME	DEPTH (Ft)	CONCENTRATION (L)LOW (H)HIGH	(G) GRAB (C) COMPOSITE	TOTAL No. OF CONTAINERS	ANALYSES: VOCs Encore Sampler	Explosives	RDX Degradation Products	TAL Metals	Perchlorate	TOC / pH / CEC	SOIL GROUP #	PID READING	SOIL DESCRIPTION & VOC COLLECTION DEPTH
03SS0500002	03SB050	1515	0-2	L	G	2	—	1	—	1	—		3	0	SILTY SAND - TR ROOTS
03SB0500206	"	1525	2-6	L	G	2	—	1	—	1	—		6	0	SILTY/SANDY CLAY
03SB0500610	"	1535	6-10	L	G	5	3	1	—	1	—		7	0	SANDY SILT-TR CLAY
03SB0501014	"	1545	10-13.5	L	G	5	3	1	—	1	—		6	0	SAND/ SANDSTONE FRAG.

REMARKS/OBSERVATIONS/NOTES:

If the analyses block is Xed then the sample aliquot will come from the container (4oz jar) to the left.

SAMPLER (S): CONTI / ROGERS

SIGNATURE(S): S Conti

CHAIN OF CUSTODY FORMS

TETRA TECH NUS, INC. CHAIN OF CUSTODY NUMBER 3609 PAGE 1 OF

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N8383 CTO 0311	NSWC CRANE	RALPH BASINSKI	(412) 921-8308	LAUCKS / ANH HO
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
		TERRY ROJAHN	(412) 921-8857	940 S. HARNEY STREET
		CARRIER/WAYBILL NUMBER		CITY, STATE
		~~(012) 854~~ 79 FED. EX AB# 8412 2491 0960		SEATTLE WA 98108

Terry Rojahn

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): G G P P

PRESERVATIVE USED: 4°C/HCl 4°C 4°C/HNO3 4°C

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	TYPE OF ANALYSIS: Volatiles SW-846 8260B	Explosives SW-846 8330	Total Metals & Hg 6020 / 7470A	Perchlorate				COMMENTS
4/4	1200	TB04040401	QC	-	-	QC	G	2	2							TRIP BLANK
4/4	1404	03GW3801	03-38	-	-	GW	G	7	3	2	1	1				
4/4	1550	03GW0101	03-01	-	-	GW	G	6	3	2	1	+ TB				

MP 10155

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY Terry Rojahn	4/5/04	1830	1. RECEIVED BY FEDERAL EXPRESS	4/5/04	1830
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 3610 | PAGE 1 OF 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N8383 CTO 0311	NSWC CRANE	RALPH BASINSKI	(412) 921-8308	LAUCKS / ANH HO
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
		TERRY ROJAHN	(412) 921-8857	940 S. HARNEY STREET
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FED. EX. 8412 2491 0949		SEATTLE WA 98108

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	Volatiles SW-846 8260B	Explosives SW-846 8330	Total Metals & Hg 6020/7470A	Dis Metals & Hg 6020/7470A	Perchlorate				COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									G	G	P	P	P				
PRESERVATIVE USED									4°C/HCl	4°C	4°C/HNO3	4°C/HNO3	4°C				
4/4	1200	T80404 0401	QC	-	-	QC	G	2	2								TRIP BLANK
4/4	1404	03GW3801	03-38	-	-	GW	G	3	3								
4/4	1550	03GW0101	03-01	-	-	GW	G	3	3								
4/6	0856	03GWC01P201	03C01 P2	-	-	GW	G	6	3	2	1						
4/6	1000	03GW3301	03-33	-	-	GW	G	7	3	2	1	-	1				
4/6	1000	03GW3301-F	03-33	-	-	GW	G	1	-	-	-	1	-				
4/6	1215	03GWC0601	03C06	-	-	GW	G	6	3	2	1						
4/6	1602	03GWC2101	03C21	-	-	GW	G	6	3	2	1						

1. RELINQUISHED BY	DATE 4/6/04	TIME 1830	1. RECEIVED BY FEDERAL EXPRESS	DATE 4/6/04	TIME 1830
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

FORM TINUS-001 4/02R

TETRA TECH NUS, INC. CHAIN OF CUSTODY NUMBER 3611 PAGE 1 OF

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
CTO N8383 0311	NSWIC CRANE	RALPH BASINSKI	(412) 921-8308	LAUCKS / ANN HO
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
T.R. for JIM GOERDT		TERRY ROJAHN	(412) 921-8857	940 S. HARBOR STREET
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FED EX AB# 8412 2491 0938		SEATTLE, WA 98108

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	Volatiles SW-846 8260B	Explosives SW-846 8330	Total Metals 6020 / 7470A Hg	Perchlorate DS Metals 6020 / 7470A Hg					COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									G	G	P	P	P				
PRESERVATIVE USED									4°C/HCl	4°C	4°C/HNO3	4°C	4°C/HNO3				
4/7	0730	T804070401	QC	–	–	QC	G	2	2								TRIP BLANK
4/7	1008	03GW3101	03-31	–	–	GW	G	6	3	2	1						
4/7	1105	03GW0901	03-09	–	–	GW	G	7	3	2	1	1					
4/7	1425	03GWC1401	03C14	–	–	GW	G	18	9	6	3						DO MS/MSD
4/7	1525	03GWC03P201	03C03 P2	–	–	GW	G	6	3	2	1						
4/7	1525	03GWC03P201-F	↓	–	–	GW	G	1	–	–	–	–	1				
4/7	0000	FD04070401	QC	–	–	GW	G	6	3	2	1						DUP 03GWC03P201
4/7	0000	FD04070401-F	QC	–	–	GW	G	1	–	–	–	–	1				DUP 03GWC03P201-F
4/7	1700	RB04070401	QC	–	–	QC	G	7	3	2	1	1					BLADDER PUMP RINSATE
4/8	1134	03GWC2801	03C28	–	–	GW	G	6	3	2	1						
4/8	1225	03GW2402	03-24	–	–	GW	G	6	3	2	1						
4/8	1356	03GWC0501	03C05	–	–	GW	G	7	3	2	1	1					DUP FD04080401
4/8	0000	FD04080401	QC	–	–	GW	G	1	–	–	–	1					

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY	4/8/04	1900	1. RECEIVED BY FEDERAL EXPRESS	4/8/04	1900
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 3612 | PAGE 1 OF 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
CTO N8383 0311	NSWC CRANE	RALPH BASINSKI	(412) 921-8308	LAUCKS / ANH HO
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
		TERRY ROJAHN	(412) 921-8857	940 S. HARNEY STREET
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FED EX AB# 8412 2491 0927		SEATTLE, WA 98108

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	VOLATILES SW-846 8260B	EXPLOSIVES SW-846 8330	TOTAL METALS & Hg 6020 / 7470A	COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									G	G	P	
PRESERVATIVE USED									4°/HCl	4°C	4°C/HNO3	
4/8	1430	TB040804 01	QC	-	-	QC	G	2	2			
4/8	1613	03GW21PT02QD	03-21	-	-	GW	G	6	3	2	1	
4/8	1857	03GW16PT02QD	03-16	-	-	GW	G	6	3	2	1	

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY	4/8/04	1200	1. RECEIVED BY FEDERAL EXPRESS	4/9/04	1200
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

FORM TtNUS-001 4/02R

TETRA TECH NUS, INC. CHAIN OF CUSTODY NUMBER 3614 PAGE 1 OF

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N8383 CTO 0311	NSWC CRANE	RALPH BASINSKI	(412) 921-8308	LAUCKS / ANH HO
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
S J Conti / William Paul Rogers		TERRY ROJAHN	(412) 921-8857	940 S. HARVEY STREET
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FED EX AB # 8412 2491 0880		SEATTLE, WA 98108

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): P G G G G
PRESERVATIVE USED: 4°C 4°C 4°C 4°C 4°C

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	TYPE OF ANALYSIS: VOLATILES	EXPLOSIVES	RDX DEGRADATION PRODUCTS	TAL METALS	PERCHLORATE				COMMENTS
4/16	0700	TB04160401	QC	–	–	QC	G	2	*2								TRIP BLANK *AQ w/HCl GLASS
4/16	0920	03SS0530002	03 SB053	0	2	SO	G	2	–	1	X	1	X				
4/16	0930	03SB0530206	"	2	4.5	SO	G	2	–	1	X	1	X				
4/16	1025	03SB1050002	03 SB105	0	2	SO	G	2	–	1	X	1	X				
4/16	1035	03SB1050206	"	2	6	SO	G	2	–	1	X	1	X				
4/16	1045	03SB1050610	"	6	10	SO	G	5	3	1	X	1	X				
4/16	1055	03SB1051012	"	10	12	SO	G	5	3	1	X	1	X				
4/16	1300	03SS0570002	03 SB057	0	2	SO	G	1	–	1	–	–	–				
4/16	1310	03SB0570206	"	2	6	SO	G	1	–	1	–	–	–				
4/16	1325	03SS0600002	03 SB060	0	2	SO	G	2	–	1	–	1	–				
4/16	1335	03SB0600206	"	2	6	SO	G	2	–	1	–	1	–				
4/16	1345	03SB0600610	"	6	10	SO	G	5	3	1	–	1	–				
4/16	1400	03SB0601014	"	10	14	SO	G	5	3	1	–	1	–				

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY Terry Rojahn	4/16/04	1900	1. RECEIVED BY FEDERAL EXPRESS	4/16/04	1900
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS: If the analyses block is xed then the sample aliquot will come from the container (4oz jar) to the left.

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 3615 | PAGE 1 OF 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N8383 CTO 0311	NSWC CRANE	RALPH BASINSKI	(412) 921-8308	LAUCKS JANH HO
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
SJ Conte / Walter Paul Rogers		TERRY ROMANN	(412) 921-8857	940 S. HARNEY STREET
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FED EX AB # 8412 2491 0880		SEATTLE WA 98108

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	VOLATILES	EXPLOSIVES	RDX DEGRADATION PRODUCTS	TAL METALS	PERCHLORATES				COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									P	G	G	G	G				
PRESERVATIVE USED									4°C	4°C	4°C	4°C	4°C				
4/16	1420	03SS0660002	03 SB066	0	2	SO	G	2	-	1	-	1					
4/16	1425	03SB0660206	"	2	6	SO	G	2	-	1	-	1					
4/16	1435	03SB0660610	"	6	10	SO	G	5	3	1	-	1					
4/16	1445	03SB0661014	"	10	14	SO	G	5	3	1	-	1					
4/16	1500	03SS0670002	03 SB067	0	2	SO	G	2	-	1	X	-	1				
4/16	1510	03SB0670206	"	2	6	SO	G	2	-	1	X	-	1				
4/16	1520	03SB0670610	"	6	10	SO	G	5	3	1	X	-	1				
4/16	1530	03SB0671014	"	10	11.5	SO	G	5	3	1	X	-	1				
4/16	1545	03SS0680002	03 SB068	0	2	SO	G	2	-	1	-	1					
4/16	1550	03SB0680206	"	2	6	SO	G	2	-	1	-	1					
4/16	1600	03SB0680610	"	6	10	SO	G	5	3	1	-	1					
4/16	1610	03SB0681014	"	10	13	SO	G	5	3	1	-	1					
4/16	0000	FD041604 01	QC	-	-	SO	G	5	3	1	-	1					DUP OF 03SB0680610

1. RELINQUISHED BY	DATE	TIME	1. RECEIVED BY	DATE	TIME
Terry Rogel	4/16/04	1900	FEDERAL EXPRESS	4/16/04	1900
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS If the Analyes block is xed then the sample aliquot will come from the 4oz container on the left.

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

FORM TtNUS-001 4/02R

TETRA TECH NUS, INC. CHAIN OF CUSTODY NUMBER 3616 PAGE 1 OF

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N8383 CTO 0311	NSWC CRANE	RALPH BASINSKI	(412) 921-8308	LAUCKS / ANH HO
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
William Paul Rogers / S Conti		TERRY ROJAHN	(412) 921-8857	940 S. HARNEY STREET
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FED EX AB # 8412 2491 0879		SEATTLE WA 98108

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): P G G G G

PRESERVATIVE USED: 4°C 4°C 4°C 4°C 4°C

TYPE OF ANALYSIS

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	VOLATILES	EXPLOSIVES	RDX DEGRADATION PRODUCTS	TAL METALS + TIN	PERCHLORATE				COMMENTS
4/17	0855	(TR) S 03SS0630002	03 SB063	0	2	SO	G	1	–	1							
4/17	0900	03SB0630206	"	2	6	SO	G	1	–	1							
4/17	0905	03SB0630610	"	6	10	SO	G	4	3	1							
4/17	0915	03SB0631014	"	10	14	SO	G	4	3	1							
4/17	0930	03SS1060002	03 SB106	0	2	SO	G	1	–	1							
4/17	0940	03SB1060206	"	2	6	SO	G	1	–	1							
4/17	0945	03SB1060610	"	6	10	SO	G	4	3	1							
4/17	0955	03SB1061014	"	10	14	SO	G	4	3	1							
4/17	1000	03SS0650002	03 SB065	0	2	SO	G	2	–	1	X	–	1				
4/17	1010	03SB0650206	"	2	6	SO	G	2	–	1	X	–	1				
4/17	1020	03SB0650610	"	6	10	SO	G	5	3	1	X	–	1				
4/17	1035	03SB0651014	"	10	14	SO	G	5	3	1	X	–	1				
4/17	1100	03SS1100002	03 SB110	0	2	SO	G	2	–	1	–	1	–				

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY: Ty Hogel	4/19/04	1900	1. RECEIVED BY: FEDERAL EXPRESS	4/19/04	1900
2. RELINQUISHED BY:			2. RECEIVED BY:		
3. RELINQUISHED BY:			3. RECEIVED BY:		

COMMENTS: If the Analyses block is XED then the sample aliquot will be taken from the container (4 oz) to the left.

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

TIN not shown on labels.

4/02R
FORM NO. TINUS-001

TETRA TECH NUS, INC. CHAIN OF CUSTODY NUMBER 3617 PAGE 1 OF 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
CTO N8383 0311	NSWC CRANE	RALPH BASINSKI	(412) 921-8308	LAUCKS / ANH HO
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Wesley Paul Rogers, SJ Conti		TERRY ROJAHN	(412) 921-8857	940 S. HARNEY ST.
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FED EX AB# 8412 2491 0879		SEATTLE WA 98108

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): P G G G G

PRESERVATIVE USED: 4°C 4°C 4°C 4°C 4°C

TYPE OF ANALYSIS

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	VOLATILES	EXPLOSIVES	RDX DEGRADATION PRODUCTS	TAL METALS + SN	PERCHLORATE				COMMENTS
4/17	1110	03SB110 0206	03 SB110	2	6	SO	G	2	-	1	-	1	-				
4/17	1115	03SB 110 0610	"	6	10	SO	G	5	3	1	-	1	-				
4/17	1125	03SB 110 1014	"	10	12.5	SO	G	5	3	1	-	1	-				
4/17	1315	03SS0640002	03 SB064	0	2	SO	G	4	-	2	-	2	-				DO MS/MSD
4/17	1330	03SB0640206	"	2	4.5	SO	G	2	-	1	-	1	-				
4/17	1345	03SS1110002	03 SB111	0	2	SO	G	2	-	1	X	-	1				
4/17	1400	03SB1110206	"	2	6	SO	G	2	-	1	X	-	1				
4/17	1410	03SB1110610	"	6	9	SO	G	5	3	1	X	-	1				
4/17	1430	03SS0790002	03 SB079	0	2	SO	G	2	-	1	X	-	1				
4/17	1440	03SB0790206	"	2	6	SO	G	2	-	1	X	-	1				
4/17	1450	03SB0790610	"	6	10	SO	G	13	9	2	X	-	2				DO MS/MSD
4/17	1505	03SB0791014	"	10	12	SO	G	5	3	1	X	-	1				
4/17	1525	03SS0800002	03 SB080	0	2	SO	G	2	-	1	-	1	-				

1. RELINQUISHED BY	DATE	TIME	1. RECEIVED BY	DATE	TIME
Terry Rojahn (TR)	4/19/04	1900	FEDERAL EXPRESS	4/19/04	1900
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS If the analyses block is XED then the sample aliquot will come from the 8oz jar container to the left.

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

Tin not shown on labels.

FORM TtNUS-001 4/02R

TETRA TECH NUS, INC. CHAIN OF CUSTODY NUMBER 3618 PAGE 1 OF

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N8383 CTO 0311	NSWC CRANE	RALPH BASINSKI	(412) 921-8308	LAUCKS / ANH HO
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
William Paul Rogers, J Conti		TERRY ROJAHN	(412) 921-8857	940 S. HARNEY ST.
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FED. EX. AB# 8412 2491 0879		SEATTLE WA 98108

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	VOLATILES	EXPLOSIVES	RDX DEGRADATION PRODUCTS	TAL METALS + TIN	PERCHLORATES				COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									P	G	G	G	G				
PRESERVATIVE USED									4°C	4°C	4°C	4°C	4°C				
4/17	1535	03SB080 0206	03 SB080	2	6	SO	G	2	-	1	-	1	-				
4/17	1545	03SB080 0610	"	6	10	SO	G	5	3	1	-	1	-				
4/17	1550	03SB080 1014	"	10	12	SO	G	5	3	1	-	1	-				
4/17	1610	03SS081 0002	03 SB081	0	2	SO	G	1	-	1	-	-	-				
4/17	1620	03SB081 0206	"	2	6	SO	G	1	-	1	-	-	-				
4/17	1630	03SB081 0610	"	6	10	SO	G	11	9	2	-	-	-				
4/17	0000	FD04170401	QC	-	-	SO	G	5	3	1	X	-	1				DUP OF 03SB0650610
4/17	0000	FD04170402	QC	-	-	SO	G	2	-	1	X	-	1				DUP OF 03SB0790206
4/17	0000	FD04170403	QC	-	-	SO	G	4	3	1	-	-	-				DUP OF 03SB0810610
4/18	0820	03SS082 0002	03 SB082	0	2	SO	G	2	-	1	-	1	-				
4/18	0835	03SB082 0206	"	2	6	SO	G	2	-	1	-	1	-				
4/18	0845	03SB082 0610	"	6	10	SO	G	5	3	1	-	1	-				
4/18	0855	03SB082 1014	"	10	13	SO	G	5	3	1	-	1	-				

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY [signature]	4/19/04	1900	1. RECEIVED BY FEDERAL EXPRESS	4/19/04	1900
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS If the analyses block is XED then the sample aliquot will be taken from the 4oz. container to the left.

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

Tape not shown on labels

TETRA TECH NUS, INC.

CHAIN OF CUSTODY

NUMBER 3619

PROJECT NO: CTO N8383 0311	FACILITY: NSWC CRANE	PROJECT MANAGER: RALPH BASINSKI	PHONE NUMBER: (412) 921-8308
		FIELD OPERATIONS LEADER: TERRY ROJAHN	PHONE NUMBER: (412) 921-8857
		CARRIER/WAYBILL NUMBER: FED EX AB# 8412 2491 0879	

LABORATORY NAME AND CONTACT: LAUCKS / ANH HO

ADDRESS: 940 S. HARNEY ST.

CITY, STATE: SEATTLE WA 98108

SAMPLERS (SIGNATURE): Terry Rojahn

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	Volatiles SW-846 8260B	Explosives SW-846 8330	Total Metals TN 6020 / 7470A	Perchlorate	Explosives & RDX Degradation Products	Ds Metals + Hg + TN 6020 / 7470A			COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									G	G	P	P	G	P			
PRESERVATIVE USED									4°C/HCl	4°C	4°C/HNO3	4°C	4°C	4°C/HNO3			
4/17	0700	TB04170401	QC	-	-	QC	G	2	2								TRIP BLANK
4/17	1512	03GW TW01 (TR)	03 TW01	-	-	GW	G	7	3	2	1	1					
4/17	1640	RB04170401	QC	-	-	QC	G	7	3	-	1	1	2				
4/17	1650	RB04170402	QC	-	-	QC	G	7	3	-	1	1	2				
4/18	1030	03GW1202	03-12	-	-	GW	G	6	3	2	1	-	-				
4/18	1440	03GW1502	03-15	-	-	GW	G	21	9	6	3	3					DO MS/MSD
4/19	0945	03GW TW03	03 TW03	-	-	GW	G	5	3	1	1	-	-				
4/19	1205	03GW TW02	03 TW02	-	-	GW	G	6	3	2	1	-	-				
4/19	0945	03GW TW03-F	03 TW03	-	-	GW	G	1	-	-	-	-	-	1			
4/19	1205	03GW TW02-F	03 TW02	-	-	GW	G	1	-	-	-	-	-	1			

1. RELINQUISHED BY: Terry Rojahn	DATE: 4/19/04	TIME: 1900	1. RECEIVED BY: FEDERAL EXPRESS	DATE: 4/19/04	TIME: 1900
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS: TIN Not on Labels but analize.

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

FORM TtNUS-001 4/02R

TETRA TECH NUS, INC. CHAIN OF CUSTODY NUMBER 3620 PAGE 1 OF

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
CTO N8383 0311	NSWC CRANE	RALPH BASINSKI	(412) 921-8308	LAUCKS / ANH HO
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
William Paul Rogers, SJ Conti		TERRY ROJAHN	(412) 921-8857	940 S. HARNEY ST.
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FED. EX AB # 8412 2491 0879		SEATTLE, WA 98108

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	VOLATILES	EXPLOSIVES	RDX DEGRADATION PRODUCTS	TAL METALS + TIN	PERCHLORATE				COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									P	G	G	G	G				
PRESERVATIVE USED									4°C	4°C	4°C	4°C	4°C				
TYPE OF ANALYSIS																	
4/18	1315	03SS090 0002	03 SB090	0	2	SO	G	2	–	1	–	1	–				
4/18	1330	03SB090 0206	"	2	6	SO	G	2	–	1	–	1	–				
4/18	1345	03SB090 0610	"	6	10	SO	G	5	3	1	–	1	–				
4/18	1420	03SS086 0002	03 SB086	0	2	SO	G	2	–	1	–	1	–				
4/18	1430	03SB086 0206	"	2	6	SO	G	2	–	1	–	1	–				
4/18	1435	03SB086 0610	"	6	10	SO	G	5	3	1	–	1	–				
4/18	1445	03SB086 1014	"	10	14	SO	G	5	3	1	–	1	–				
4/18	1455	03SS085 0002	03 SB085	0	2	SO	G	1	–	1	–	–	–				
4/18	1500	03SB085 0206	"	2	6	SO	G	1	–	1	–	–	–				
4/18	1510	03SB085 0610	"	6	10	SO	G	4	3	1	–	–	–				
4/18	1520	03SB085 1014	"	10	13	SO	G	4	3	1	–	–	–				
4/18	1530	03SS087 0002	"	0	2	SO	G	2	–	1	X	–	1				
4/18	1540	03SB087 0206	"	2	6	SO	G	2	–	1	X	–	1				

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY [signature]	4/19/04	1900	1. RECEIVED BY FEDERAL EXPRESS	4/19/04	1900
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS If the analyes block is xed then the sample aliquot will come from the 4oz container to the left.

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TINUS-001

Tiu not shown on Labels

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER 3621 | PAGE 1 OF 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N8383 CTO 0311	NSWC CRANE	RALPH BASINSKI	(412) 921-8308	LAUCKS / ANH HO
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Werthen Paul Rosen		TERRY ROJAHN	(412) 921-8857	940 S. HARNEY ST.
SJ Conte		CARRIER/WAYBILL NUMBER		CITY, STATE
		FED. EX. AB # 8412 2491 0879		SEATTLE WA 98108

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	VOLATILES	EXPLOSIVES	RDX DEGRADATION PRODUCTS	TAL METALS+TIN	PERCHLORATE				COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									P	G	G	G	G				
PRESERVATIVE USED									4°C	4°C	4°C	4°C	4°C				
TYPE OF ANALYSIS																	
4/18	1600	03SB0870610	03 SB087	6	10	SO	G	5	3	1	X	–	1				
4/18	1610	03SB0871014	"	10	13	SO	G	13	9	2	X	–	2				DO MS/MSD
4/18	0000	FD04180401	QC	–	–	SO	G	5	3	1	X	–	1				DUP OF 03SB0830610
4/18	0000	FD04180402	QC	–	–	SO	G	2	–	1	–	1	–				DUP OF 03SB0880206
4/18	0000	FD04180403	QC	–	–	SO	G	1	–	1	–	–	–				DUP OF 03SS0850002
4/19	0905	03SS1180002	03 SB118	0	2	SO	G	2	–	1	–	1	–				
4/19	0910	03SB1180206	"	2	6	SO	G	3	–	1	–	2	–				DO MS/MSD ON TAL METALS & Hg
4/19	0920	03SB1180610	"	6	10	SO	G	5	3	1	–	1	–				
4/19	0930	03SB1181014	"	10	11.5	SO	G	5	3	1	–	1	–				
4/19	0940	03SS092 0002	03 SB092	0	2	SO	G	2	–	1	–	1	–				
4/19	0945	03SB092 0206	"	2	6	SO	G	2	–	1	–	1	–				
4/19	0950	03SB092 0610	"	6	8.5	SO	G	5	3	1	–	1	–				
4/19	1000	03SS095 0002	03 SB095	0	2	SO	G	2	–	1	X	–	1				

1. RELINQUISHED BY [signature]	DATE 4/19/04	TIME 1900	1. RECEIVED BY FEDERAL EXPRESS	DATE 4/19/04	TIME 1900
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS If the Analyes block is XED then the SAMPLE ALIQUOT WILL COME FROM THE 4oz CONTAINER TO THE LEFT.

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

TIN NOT shown on Labels.

FORM TTNUS-001 4/02R

TETRA TECH NUS, INC. CHAIN OF CUSTODY NUMBER 3622 PAGE 1 OF

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N8383 CTO 0311	NSWC CRANE	RALPH BASINSKI	(412) 921-8308	LAUCKS / ANH HO
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
William Paul Rogers		TERRY ROJAHN	(412) 921-8857	940 S. HARNEY ST.
SJ Conti		CARRIER/WAYBILL NUMBER		CITY, STATE
		FED. EX. AB # 8412 2491 0879		SEATTLE, WA 98108

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	VOLATILES	EXPLOSIVES	RDX DEGRADATION PRODUCTS	TAL METALS + TIN	PERCHLORATE				COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									P	G	G	G	G				
PRESERVATIVE USED									4°C	4°C	4°C	4°C	4°C				
TYPE OF ANALYSIS																	
4/18	0910	03SS0830002	03 SB083	0	2	SO	G	2	–	1	X	–	1				
4/18	0925	03SB0830206	"	2	6	SO	G	2	–	1	X	–	1				
4/18	0935	03SB0830610	"	6	10	SO	G	13	9	2	X	–	2				DO MS/MSD
4/18	0955	03SS0840002	03 SB084	0	2	SO	G	2	–	1	–	1	–				
4/18	1000	03SB0840206	"	2	6	SO	G	2	–	1	–	1	–				
4/18	1010	03SB0840610	"	6	8.5	SO	G	5	3	1	–	1	–				
4/18	1020	~~03SB0~~ 03SS1140002	03 SB114	0	2	SO	G	2	–	1	–	1	–				
4/18	1030	03SB1140206	"	2	6	SO	G	2	–	1	–	1	–				
4/18	1040	03SB1140610	"	6	9	SO	G	5	3	1	–	1	–				
4/18	1050	03SS0880002	03 SB088	0	2	SO	G	2	–	1	–	1	–				
4/18	1100	03SB0880206	"	2	6	SO	G	2	–	1	–	1	–				
4/18	1115	03SS0890002	03 SB089	0	2	SO	G	2	–	1	X	–	1				
4/18	1125	03SB0890206	"	2	6	SO	G	2	–	1	X	–	1				

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY [signature]	4/19/04	1900	1. RECEIVED BY FEDERAL EXPRESS	4/19/04	1900
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS If the ANALYSES block is XED then the sample aliquot will be taken from the 4oz CONTAINER to the left.

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

Time sent shown on labels.

TETRA TECH NUS, INC. CHAIN OF CUSTODY NUMBER 3623 PAGE 1 OF 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N8383 CTO 0311	NSWC CRANE	RALPH BASINSI	(412) 921-8308	LAUCKS / ANH HO
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Wm Paul Rogers		TERRY ROJAHN	(412) 921-8857	940 S. HARNEY ST
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FED. EX AB# 8412 2491 0879		SEATTLE, WA 98108

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): P G G G G

PRESERVATIVE USED: 4°C 4°C 4°C 4°C 4°C

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	VOLATILES	EXPLOSIVES	RDX DEGRADATION PRODUCTS	TAL METALS + TIN	PERCHLORATE				COMMENTS
4/19	1005	03580950206	03 SB095	2	6	SO	G	2	-	1	X	-	1				
4/19	1015	03580950610	"	6	7.5	SO	G	5	3	1	X	-	1				
4/19	1020	03580960002	03 SB096	0	2	SO	G	2	-	1	-	1	-				
4/19	1025	03580960206	"	2	6	SO	G	2	-	1	-	1	-				
4/19	1030	03580960610	"	6	8.5	SO	G	5	3	1	-	1	-				
4/19	1045	03SS098 0002	03 SB098	0	2	SO	G	2	-	1	-	1	-				
4/19	1050	03580980206	"	2	6	SO	G	2	-	1	-	2	-				Do METALS MS/MSD
4/19	1100	03580980610	"	6	7.5	SO	G	5	3	1	-	1	-				
4/19	1115	03SS093 0002	03 SB093	0	2	SO	G	1	-	1	-	-	-				
4/19	1125	03580930206	"	2	6	SO	G	1	-	1	-	-	-				
4/19	1130	03580930610	"	6	10	SO	G	4	3	1	-	-	-				
4/19	1140	03580931014	"	10	14	SO	G	4	3	1	-	-	-				
4/19	0000	FD04190401	QC	-	-	SO	G	1	-	-	-	1	-				DUP FROM 03581180206

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY Ty Lagel	4/19/04	1900	1. RECEIVED BY FEDERAL EXPRESS	4/19/04	1900
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS If the analyes block is XED then the sample Aliquot will come from the 4oz container to the left.

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

FORM TtNUS-001 4/02R

TETRA TECH NUS, INC. CHAIN OF CUSTODY NUMBER 3624 PAGE 1 OF

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
CTO N8383 0311	NSWC CRANE	RALPH BASINSKI	(412) 921-8308	LAUCKS / ANH HO
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER: TERRY ROJAHN	PHONE NUMBER: (412) 921-8857	ADDRESS: 940 S. HARNEY ST.
Wesley Paul Rogers / SJ Conti		CARRIER/WAYBILL NUMBER: FED. EX AB#		CITY, STATE: SEATTLE WA 98108

STANDARD TAT ☐
RUSH TAT ☐
☒ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	VOLATILES	EXPLOSIVES	RDX DEGRADATION PRODUCTS	TAL METALS + TIN	PERCHLORATE				COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									P	G	G	G	G				
PRESERVATIVE USED									4°C	4°C	4°C	4°C	4°C				
TYPE OF ANALYSIS																	
4/19	1340	0355073 0002	03 SB073	0	2	SO	G	2	–	1	X	–	1				
4/19	1350	035B0730206	"	2	6	SO	G	2	–	1	X	–	1				
4/19	1400	03580730610	"	6	10	SO	G	5	3	1	X	–	1				
4/19	1410	03580731014	"	10	13	SO	G	6	3	2	X	–	1				DO MS/MSD Explosives only
4/19	1415	0355070 0002	03 SB070	0	2	SO	G	2	–	1	–	1	–				
4/19	1425	035B070 0206	"	2	6	SO	G	2	–	1	–	1	–				
4/19	1430	03580700610	"	6	10	SO	G	5	3	1	–	1	–				
4/19	1435	035B 0701014	"	10	11.5	SO	G	5	3	1	–	1	–				
4/19	1450	0355069 0002	03 SB069	0	2	SO	G	1	–	1	–	–	–				
4/19	1500	035B0690206	"	2	6	SO	G	1	–	1	–	–	–				
4/19	1510	03580690610	"	6	9	SO	G	4	3	1	–	–	–				
4/19	0000	FD04190402	QC	–	–	SO	G	1	–	1	–	–	–				DUP OF 035B0690206

1. RELINQUISHED BY	DATE	TIME	1. RECEIVED BY	DATE	TIME
Terry Rojahn	4/19/04	1900	FEDEXAL EXPRESS	4/19/04	1900
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS If Analyes block is XED then the sample aliquot will come from the 4oz Jar Container to the left.

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

Tag and label.

4/02R
FORM NO. TtNUS-001

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 3625 | PAGE 1 OF 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
CTO N8383 0311	NSWC CRANE	RALPH BASINSKI	(412) 921-8308	LAUCKS / ANN HO
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
William Paul Rogers, SJ Conti		TERRY ROJAHN	(412) 921-8857	940 S. HARNEY ST.
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FED. EX. AB # 8412 2491 0879		SEATTLE, WA 98108

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): P G G G G
PRESERVATIVE USED: 4°C 4°C 4°C 4°C 4°C

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	VOLATILES	EXPLOSIVES	RDX DEGRADATION PRODUCTS	TAL METALS + TIN	PERCHLORATE				COMMENTS
4/19	1530	03SS0710002	03 SB071	0	2	SO	G	2	—	1	X	—	1				
4/19	1530	03SB0710206	"	2	5	SO	G	2	—	1	X	—	1				
4/19	1625	03SS0720002	03 SB072	0	2	SO	G	2	—	1	—	1	—				
4/19	1630	03SB0720206	"	2	6	SO	G	2	—	1	—	1	—				
4/19	1635	03SB0720610	"	6	10	SO	G	5	3	1	—	1	—				

1. RELINQUISHED BY	DATE	TIME	1. RECEIVED BY	DATE	TIME
[signature]	4/19/04	1900	FEDERAL EXPRESS	4/19/04	1900
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS If Analyses block is XED then the sample aliquot will come from the 4oz Container to the left.

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

Tin not on Labels

FORM TtNUS-001 4/02R

TETRA TECH NUS, INC. CHAIN OF CUSTODY NUMBER 3626 PAGE 1 OF

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
CTO 0311 N8383	NSWC CRANE	RALPH BASINKI	(412) 921-8308	LAUCKS / TESTING ANH HO
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
		TERRY ROJAHN	(412) 921-8857	940 S. HARNEY ST
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FED EX AB # 8412 2491 0868		SEATTLE WA 98108

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	VOLATILES	EXPLOSIVES	RDX DEGRADATION PRODUCTS	TAL METALS + TIN	PERCHLORATE	TOC, PH, CEC			COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									P	G	G	G	G	G			
PRESERVATIVE USED									4°C	4°C	4°C	4°C	4°C	4°C			
TYPE OF ANALYSIS																	
4/20	0910	03SS0780002	03 SB078	0	2	SO	G	2	-	1	-	1	-	X			
4/20	0915	03SB0780206	"	2	6	SO	G	4	-	2	-	2	-	X			DO MS/MSD ON Explosives, Metals & TOC
4/20	0930	03SB0780610	"	6	8	SO	G	5	3	1	-	1	-	X			
4/20	0950	03SS0770002	03 SB077	0	2	SO	G	2	(3)	1	X	-	1	-			
4/20	0955	03SB0770206	"	2	6	SO	G	2	-	1	X	-	1	-			
4/20	1000	03SB0770610	"	6	8	SO	G	5	3	1	X	-	1	-			
4/20	1050	03SS0760002	03 SB076	0	2	SO	G	2	-	1	-	1	-	-			
4/20	1100	03SB0760206	"	2	6	SO	G	2	-	1	-	1	-	-			
4/20	1105	03SB0760610	"	6	10	SO	G	5	3	1	-	1	-	-			
4/20	1115	03SB0761014	"	10	14	SO	G	5	3	1	-	1	-	-			
4/20	1325	03SS1020002	03 SB102	0	2	SO	G	2	-	2	-	-	-	-			DO MS/MSD
4/20	1330	03SB1020206	"	2	6	SO	G	1	-	1	-	-	-	-			
4/20	1340	03SB1020610	"	6	10	SO	G	4	3	1	-	-	-	-			

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY [signature]	4/20/04	1900	1. RECEIVED BY FEDERAL EXPRESS	4/20/04	1900
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS If ANALYSES BLOCK IS XED then the sample aliquot will come from the 4oz container to the LEFT

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER 3627 | PAGE 1 OF 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
CTO N8383 031K	NSWC CRANE	RALPH BASINSKI	(412) 921-8308	LAUCKS / ANH HO
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
		TERRY ROJAHN	(412) 921-8857	940 S. HARNEY ST
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FED EX AB# 8412 2491 0868		SEATTLE WA 98108

SJ Conti Walter Paul Rogers

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): P G G G G
PRESERVATIVE USED: 4°C 4°C 4°C 4°C 4°C

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	Volatiles	Explosives	RDX Degradation Products	TAL Metals + Tin	Perchlorate				COMMENTS
4/20	1350	03 SB102 1014	03 SB102	10	13	SO	G	4	3	1	–	–	–				
4/20	1400	03 SS100 0002	03 SB100	0	2	SO	G	2	–	1	–	1	–				
4/20	1420	03SB100 0206	"	2	6	SO	G	2	–	1	–	1	–				
4/20	1435	03SB100 0610	"	6	10	SO	G	5	3	1	–	1	–				
4/20	1445	03SB100 1014	"	10	14	SO	G	5	3	1	–	1	–				
4/20	1500	03SS103 0002	03 SB103	0	2	SO	G	2	~~2~~ 4	1	X	1	X				
4/20	1505	03SB103 0206	"	2	6	SO	G	2	~~1~~ 2 (TR)	1	X	1	X				
4/20	1510	03SB103 0610	"	6	10	SO	G	5	3	1	X	1	X				
4/20	1520	03SB103 1014	"	10	11	SO	G	5	3	*	*	*	*				
4/20	1545	03SS101 0002 (TR)	03 SB101	0	2	SO	G	2	–	1	X	1	X				
4/20	1550	03SB101 0206	"	2	6	SO	G	2	–	1	X	1	X				
4/20	1555	03SB101 0610	"	6	10	SO	G	5	3	1	X	1	X				
4/20	1600	03SB101 1014	"	10	14	SO	G	5	3	1	X	1	X				

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY Terry Rojahn	4/20/04	1900	1. RECEIVED BY FEDERAL EXPRESS	4/20/04	1900
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS If analyes block is XED then the sample aliquot will come from the 4oz container to the left.

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

FORM TINUS-001 4/02R

* NOT ENOUGH SAMPLE FOR REMAINING PARAMETERS

TETRA TECH NUS, INC. CHAIN OF CUSTODY NUMBER 3628 PAGE 1 OF

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
CTO N8383 0311	NSWC CRANE	RALPH BASINSKI	(412) 921-8308	LAUCKS / ANN HO
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Terry Rojahn		TERRY ROJAHN	(412) 921-8857	940 S. HARNEY ST
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FED EX AB# 8412 2491 0868		SEATTLE, WA 98108

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	Volatiles SW-846 8260B	Explosives SW-846 8330	Total Metals (Hg & Tin 6020, 7470A & 6020	Perchlorate	Explosives & RDX Degradation Products				COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									G	G	R	R	G				
PRESERVATIVE USED									4°C/HCl	4°C	4°C/HNO3	4°C	4°C				
4/20	0730	TB04200401	QC	–	–	QC	G	2	2								
4/20	1035	SB04200401	QC	–	–	QC	G	7	3	–	1	1	2				DPT TANK
4/20	1235	SB04200401	QC	–	–	QC	G	7	3	2	1	1	–				DI
4/20	1330	RB04200401	QC	–	–	QC	G	7	3	–	1	1	2				SLEEVE
4/20	1345	RB04200402	QC	–	–	QC	G	7	3	–	1	1	2				CUTTING SHOE
4/20	1430	RB04200403	QC	–	–	QC	G	7	3	2	1	1	–				Peristaltic Tubing

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY Terry Rojahn	4/20/04	1900	1. RECEIVED BY FEDERAL EXPRESS	4/20/04	1900
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 3629 | PAGE 1 OF 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N8383 CTO 0311	NSWC CRANE	RALPH BASINSKI	(412) 921-8308	LAUCKS / ANH HO
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
S. Conti Walter Paul Rogers		TERRY ROJAHN	(412) 921-8857	940 S. HARNEY Street
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FED EX AB # 8412 2491 0868		SEATTLE, WA 98108

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	Volatiles	Explosives	RDX Degradation Products	TAL Metals + Tin	Perchlorate	TOC, CEC & pH			COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									R	G	G	G	G	G			
PRESERVATIVE USED									4°C	4°C	4°C	4°C	4°C	4°C			
4/20	0000	FD04200401	QC	–	–	SO	G	2	–	1	–	1	–	X			Dup of 03580786206

1. RELINQUISHED BY	DATE	TIME	1. RECEIVED BY	DATE	TIME
Terry Rojahn	4/20/04	1900	FEDERAL EXPRESS	4/20/04	1900
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS If Analyes block is XED then the sample aliquot will come from the 1st 4oz container to the left.

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

FORM NUMBER: TTNUS-001 4/02R

TETRA TECH NUS, INC. CHAIN OF CUSTODY RECORD NUMBER 3630 PAGE 1 OF

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N8383 CTO 0311	NSWC CRANE	RALPH BASINSKI	(412) 921-8308	LAUCKS / ANH HO
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
		TERRY ROJAHN	(412) 921-8857	940 S. HARNEY ST
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FED.EX. AB# 8412 2491 1783		SEATTLE, WA 98108

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	Volatiles	Explosives	RDX Degradation Products	TAL Metals + Tin	Perchlorate				COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									A	G	G	G	G				
PRESERVATIVE USED									4°C	4°C	4°C	4°C	4°C				
4/21	0830	03SS0940002	03 SB094	0	2	SO	G	2	-	1	-	1	-				
4/21	0835	03SB0940206	"	2	6	SO	G	2	-	1	-	1	-				
4/21	0850	03SB0940610	"	6	9.5	SO	G	6	3	1	-	2	-				MS/MSD FOR TAL METALS & TIN
4/21	0905	03SS0970002	03 SB097	0	2	SO	G	2	-	1	X	-	1				
4/21	0920	03SB0970206	"	2	6	SO	G	3	-	2	X	-	1				MS/MSD FOR EXPLOSIVES
4/21	0930	03SB0970610	"	6	9.5	SO	G	5	3	1	X	-	1				
4/21	0940	03SS0990002	03 SB099	0	2	SO	G	1	-	1	-	-	-				
4/21	0945	03SB0990206	"	2	6	SO	G	1	-	1	-	-	-				
4/21	0950	03SB0990610	"	6	8	SO	G	4	3	1	-	-	-				
4/21	1000	03SS1040002	03 SB104	0	2	SO	G	2	-	2	-	-	-				
4/21	1005	03SB1040206	"	2	6	SO	G	1	-	1	-	-	-				
4/21	1015	03SB1040610	"	6	10	SO	G	4	3	1	-	-	-				
4/21	1625	03SB1041014	"	10	14	SO	G	4	3	1	-	-	-				

1. RELINQUISHED BY	DATE	TIME	1. RECEIVED BY	DATE	TIME
Terry Rojahn	4/21/04	1900	FEDERAL EXPRESS	4/21/04	1900
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS If Analyses block is XED then the sample aliquot will come from the 1st 4oz container to the left.

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 3631 | PAGE 1 OF 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N8383 CTO 0311	NSWC CRANE	RALPH BASINSKI	(412) 921-8308	LAUCKS / ANH HO
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
		TERRY ROJAHN	(412) 921-8857	940 S. HARNEY ST.
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FED. EX. AB # 8412 2491 1783		SEATTLE WA 98108

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): P G G G G

PRESERVATIVE USED: 4°C 4°C 4°C 4°C 4°C

TYPE OF ANALYSIS

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	VOLATILES	EXPLOSIVES	RDX DEGRADATION PRODUCTS	TAL METALS + TIN	PERCHLORATE	TOC / PH / CEC			COMMENTS
4/21	1040	0355119 0002	03 SB119	0	2	SO	G	1	–	1	–	–	–				
4/21	1045	0358119 0206	"	2	6	SO	G	1	–	1	–	–	–				
4/21	1050	0358119 0610	"	6	10	SO	G	4	3	1	–	–	–				
4/21	1100	0358119 1014	"	10	13.5	SO	G	4	3	1	–	–	–				
4/21	1325	0355120 0002	03 SB120	0	2	SO	G	2	–	1	X	1	X				
4/21	1330	0358120 0206	"	2	6	SO	G	2	–	1	X	1	X				
4/21	1335	0358120 0610	"	6	10	SO	G	5	3	1	X	1	X				
4/21	1345	0358120 1014	"	10	12	SO	G	5	3	1	X	1	X				
4/21	1355	0355121 0002	03 SB121	0	2	SO	G	2	–	1	–	1					
4/21	1400	0358121 0206	"	2	6	SO	G	2	–	1	–	1					
4/21	1405	0358121 0610	"	6	10	SO	G	5	3	1	–	1					
4/21	1415	0358121 1014	"	10	12.5	SO	G	5	3	1	–	1					
4/21	1435	0355116 0002	03 SB116	~~10~~ 0	~~12~~ 2	SO	G	2	–	1	–	1	–	X			

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY [signature]	4/21/04	1900	1. RECEIVED BY FEDERAL EXPRESS	4/21/04	1900
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS If ANALYSES block is X so then the sample aliquot will come from the 1st 8oz container to the left.

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

FORM TtNUS-001 4/02R

TETRA TECH NUS, INC. CHAIN OF CUSTODY NUMBER 3633 PAGE 1 OF

PROJECT NO: CTO N8383 0311	FACILITY: NSWC CRANE	PROJECT MANAGER RALPH BASINSKI	PHONE NUMBER (412) 921-8308	LABORATORY NAME AND CONTACT: LAUCKS / ANH HO
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER TERRY ROJAHN	PHONE NUMBER (412) 921-8857	ADDRESS 940 S. HARNEY ST.
		CARRIER/WAYBILL NUMBER FED EX AB# 8412 2491 1783		CITY, STATE SEATTLE, WA 98108

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): G G P P P

PRESERVATIVE USED: 4°C/HCl 4°C 4°C/HNO3 4°C 4°C/HNO3

TYPE OF ANALYSIS: Volatiles SW-846 8260B; Explosives SW-846 8330; Total Metals, Hg + Tin 6020 / 7470A / 6020; Perchlorate; Dis Metals, Hg + Tin 6020 / 7470A / 6020

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	Volatiles SW-846 8260B	Explosives SW-846 8330	Total Metals, Hg + Tin 6020 / 7470A / 6020	Perchlorate	Dis Metals, Hg + Tin 6020 / 7470A / 6020				COMMENTS
4/21	0730	TB0421040 1	QC	–	–	QC	G	2	2								TRIP BLANK
4/21	1220	03GWTW05	03 TW05	–	–	GW	G	7	3	2	1	–	–				
4/21	1435	03GWTW04	03 TW04	–	–	GW	G	7	3	2	1	–	–				
4/21	1220	03GWTW05-F	03 TW05	–	–	GW	G	1	–	–	–	–	–	1			
4/21	1435	03GWTW04-F	03 TW04	–	–	GW	G	1	–	–	–	–	–	1			

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY	4/21/04	1900	1. RECEIVED BY FEDERAL EXPRESS	4/21/04	1900
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 3634 | PAGE 1 OF 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N8383 CTO 0311	NSWC CRANE	RALPH BASINSKI	(412) 921-8308	LAUCKS / ANH HO
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
[signature]		TERRY ROJAHN	(412) 921-8857	940 S. HARNEY ST.
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FED. EX. AB # 8412 2491 1783		SEATTLE, WA 98108

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	VOLATILES	EXPLOSIVES	RDX DEGRADATION PRODUCTS	TAL METALS + TIN	PERCHLORATE	TOC / PH / CEC			COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									P	G	G	G	G				
PRESERVATIVE USED									4°C	4°C	4°C	4°C	4°C				
TYPE OF ANALYSIS																	
4/21	1445	03SB116 0206	03 SB116	2	6	SO	G	2	–	1	–	1	–	X			
4/21	1450	03SB116 0610	"	6	9.5	SO	G	5	3	1	–	1	–	X			
4/21	1505	03SS115 0002	03 SB115	0	2	SO	G	1	–	1	–	–	–	–			
4/21	1515	03SB115 0206	"	2	6	SO	G	1	–	1	–	–	–	–			
4/21	1520	03SB115 0610	"	6	8	SO	G	4	3	1	–	–	–	–			
4/21	1540	03SS117 0002	03 SB117	0	2	SO	G	2	–	1	X	–	1	–			
4/21	1545	03SB117 0206	"	2	6	SO	G	2	–	1	X	–	1	–			
4/21	1600	03SB117 0610	"	6	10	SO	G	5	3	1	X	–	1	–			
4/21	1610	03SB117 1014	"	10	13	SO	G	5	3	1	X	–	1	–			
4/21	0000	FD042104 0½ (TC)	QC	–	–	SO	G	1	–	–	–	1	–	–			DUP OF 03SS0940002
4/21	0000	FD04210402	QC	–	–	SO	G	1	–	1	X	–	–	–			DUP OF 03SB117 0610

1. RELINQUISHED BY	DATE	TIME	1. RECEIVED BY	DATE	TIME
[signature]	4/21/04	1900	FEDERAL EXPRESS	4/21/04	1900
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS If Analyes block is XED then the sample Aliquot will come from the 1st 4oz Container to the left.

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

FORM NO. TTNUS-001 4/02R

TETRA TECH NUS, INC. CHAIN OF CUSTODY NUMBER 3635 PAGE 1 OF [illegible]

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
CTO N8383 0311	NSWC CRANE	RALPH BASINSKI	(412) 921-8308	LAUCKS / ANH HO
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
S. Conti / Walter Paul Rogers		TERRY ROJAHN	(412) 921-8857	940 S. HARNEY ST.
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FED. EX AB # 8412 2491 1794		SEATTLE, WA 98108

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	VOLATILES	EXPLOSIVES	RDX DEGRADATION PRODUCTS	TAL METALS + TIN	PERCHLORATE				COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									P	G	G	G	G				
PRESERVATIVE USED									4°C	4°C	4°C	4°C	4°C				
TYPE OF ANALYSIS																	
4/22	0840	03SS054 0002	03 SB054	0	2	SO	G	2	–	1	–	1	–				
4/22	0850	03SB054 0206	"	2	8	SO	G	5	3	1	–	1	–				
4/22	0905	03SS056 0002	03 SB056	0	2	SO	G	2	–	1	–	1	–				
4/22	0920	03SS058 0002	03 SB058	0	2	SO	G	2	–	1	–	1	–				
4/22	0925	03SB058 0206	"	2	6	SO	G	2	–	1	–	1	–				
4/22	0930	03SB058 0610	"	6	10	SO	G	13	9	2	–	2	–				DO MS/MSD ON ALL PARAMETERS
4/22	0950	03SB058 1014	"	10	11.5	SO	G	5	3	1	–	1	–				
4/22	1000	03SS059 0002	03 SB059	0	2	SO	G	2	–	1	X	–	1				
4/22	1010	03SB059 0206	"	2	4.5	SO	G	2	–	1	X	–	1				
4/22	1030	03SS061 0002	03 SB061	0	2	SO	G	3	–	1	X	–	2				DO MS/MSD ON PERCHLORATE ONLY
4/22	1045	03SB061 0206	"	2	6	SO	G	5	3	1	X	–	1				
4/22	1100	03SB061 0610	"	6	7	SO	G	5	3	1	X	–	1				
4/22	1300	03SS074 0002	03 SB074	0	2	SO	G	2	–	1	–	1	–				

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY Terry Rojahn	4/22/04	1900	1. RECEIVED BY FEDERAL EXPRESS	4/22/04	1900
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS If Analyes block is XED then the sample aliquot will come from the 1st 4oz container to the left

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TINUS-001

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER 3636 | PAGE 1 OF 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N8383	NSWC CRANE	RALPH BASINSKI	(412) 921-8308	LANCKS / ANH HO
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
SJ Conti / Walter Paul Rogers		TERRY ROJAHN	(412) 921-8857	940 S. HARNEY ST.
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FED. EX. AB # 8412 2491 1794		SEATTLE, WA 98108

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	VOLATILES	EXPLOSIVES	RDX DEGRADATION PRODUCTS	TAL METALS + TIN	PERCHLORATE				COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									G	G	G	G	G				
PRESERVATIVE USED									4°C	4°C	4°C	4°C	4°C				
4/22	1305	03SB0740206	03 SB074	0	2	50	G	2	-	1	-	1	-				
4/22	1315	03SB0740610	"	2	6	50	G	5	3	1	-	1	-				
4/22	1320	03SB0741014	"	10	14	50	G	5	3	1	-	1	-				
4/22	1335	03SS0750002	03 SB075	0	2	50	G	2	-	2	-	-	-				DO MS/MSD ON EXPLOSIVES
4/22	1340	03SB0750206	"	2	6	50	G	1	-	1	-	-	-				
4/22	1345	03SB0750610	"	6	9.5	50	G	4	3	1	-	-	-				
4/22	1405	03SS1070002	03 SB107	0	2	50	G	2	-	1	X	-	1				
4/22	1410	03SB1070206	"	2	6	50	G	2	-	1	X	-	1				
4/22	1415	03SB1070610	"	6	10	50	G	5	3	1	X	-	1				
4/22	1420	03SB1071014	"	10	13.5	50	G	5	3	1	X	-	1				
4/22	1445	03SS1080002	03 SB108	0	2	50	G	5	3	1	-	1	-				
4/22	1450	03SB1080206	"	2	6	50	G	2	-	1	-	1	-				
4/22	1500	03SB1080610	"	6	10	50	G	5	3	1	-	1	-				

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY [signature]	4/22/04	1900	1. RECEIVED BY FEDERAL EXPRESS	4/22/04	1900
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS If Analyses block is XED then the sample aliquot will come from the 1st 8oz container to the left.

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TTNUS-001

TETRA TECH NUS, INC. CHAIN OF CUSTODY NUMBER 3637 PAGE 1 OF

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
CTO N8383 0311	NSWC CRANE	RALPH BASINSKI	(412) 921-8308	LAUCKS / ANH HO
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
SJ Conte, William Paul Rogers		TERRY ROJAHN	(412) 921-8857	940 S. HARNEY ST
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FED. EX. AB # 8412 2491 1794		SEATTLE WA 98108

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): P G G G G

PRESERVATIVE USED: 4°C 4°C 4°C 4°C 4°C

TYPE OF ANALYSIS

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	VOLATILES	EXPLOSIVES	RDX DEGRADATION PRODUCTS	TAL METALS + TIN	PERCHLORATE				COMMENTS
4/22	1510	03SB1081014	03 SB108	10	13.5	SO	G	5	3	1	–	1	–				
4/22	1530	03SS109 0002	03 SB109	0	2	SO	G	1	–	1	–	–	–				
4/22	1535	03SB1090206	"	2	6	SO	G	1	–	1	–	–	–				
4/22	1540	03SB1090610	"	6	10	SO	G	4	3	1	–	–	–				
4/22	1550	03SB1091014	"	10	14	SO	G	4	3	1	–	–	–				
4/22	0000	FD04220401	QC	–	–	SO	G	5	3	1	–	1	–				DUP OF 03SB0580610
4/22	0000	FD04220402	QC	–	–	SO	G	1	–	–	–	–	1				DUP OF 03SS0590002

1. RELINQUISHED BY [signature]	DATE 4/22/04	TIME 1900	1. RECEIVED BY FEDERAL EXPRESS	DATE 4/22/04	TIME 1900
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS If ANALYSES block is XED then the sample aliquot will come from the 1st 4oz. container to the left.

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 3639 | PAGE 1 OF 1

PROJECT NO: CTO N8383 0311	FACILITY: NSWC CRANE	PROJECT MANAGER: RALPH BASINSKI	PHONE NUMBER: (412) 921-8308
		FIELD OPERATIONS LEADER: TERRY ROJAHN	PHONE NUMBER: (412) 921-8857
		CARRIER/WAYBILL NUMBER: FED. EX. AB# 8412 2491 1794	

LABORATORY NAME AND CONTACT: LAUCKS / ANH HO

ADDRESS: 940 S. HARNEY ST.

CITY, STATE: Seattle, WA 98108

SAMPLERS (SIGNATURE): Terry Rojahn

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	Volatiles SW-846 8260B	Explosives SW-846 8330	Total Metals, Hg + Tin 6020 / 7470A / 6020	Perchlorate	Explosives & RDX Degradation Products				COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									G	G	P	P	G				
PRESERVATIVE USED									4°C/HCl	4°C	4°C/HNO3	4°C	4°C				
4/22	0730	TB04220401	QC	–	–	QC	G	2	2	–	–	–					TRIP BLANK
4/22	1110	03GW3901	03-39	–	–	GW	G	6	3	2	1	–					
4/22	1430	RB04220401	QC	–	–	QG	G	7	3	–	1	1	2				SLEEVE RINSATE
4/22	1450	RB04220402	QC	–	–	QC	G	7	3	–	1	1	2				MIXING CONTAINER RINSATE
4/22	0000	FD04220403	QC	–	–	GW	G	6	3	2	1	–	–				DUP OF 03GW3901

1. RELINQUISHED BY: Terry Rojahn	DATE 4/22/04	TIME 1900	1. RECEIVED BY: FEDERAL EXPRESS	DATE 4/22/04	TIME 1900
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

FORM TtNUS-001 4/02R

TETRA TECH NUS, INC. CHAIN OF CUSTODY NUMBER 3640 PAGE 1 OF

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
CTO N8383 0311	NSWC CRANE	RALPH BASINSKI	(412) 921-8308	LAUCKS / ANN HO
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
		TERRY ROJAHN	(412) 921-8857	940 S. HARNEY ST.
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FED. EX AB# 8412 2491 1809		SEATTLE, WA 98108

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	VOLATILES	EXPLOSIVES	RDX DEGRADATION PRODUCTS	TAL METALS + TIN	PERCHLORATE				COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									P	G	G	G	G				
PRESERVATIVE USED									4°C	4°C	4°C	4°C	4°C				
4/23	0730	TB04230401	QC	–	–	QC	G	2	2								AQ. GLASS TRIP BLANK
4/23	0835	03550910002	03 SB091	0	2	SO	G	2	–	1	X	–	1				
4/23	0840	03SB0910206	"	2	6	SO	G	4	–	2	X	–	2				DO MS/MSD ON ALL PARAMETER
4/23	0900	03SB0910610	"	6	10	SO	G	5	3	1	X	–	1				
4/23	0925	03551130002	03 SB113	0	2	SO	G	2	–	1	X	–	1				
4/23	0930	03SB1130206	"	2	4	SO	G	2	–	1	X	–	1				
4/23	1000	03SB1120002 (TR)	03 SB112	0	2	SO	G	2	–	1	–	1	–				
4/23	1005	03SB1120206	"	2	6	SO	G	2	–	1	–	1	–				
4/23	1015	03SB1120610	"	6	10	SO	G	5	3	1	–	1	–				
4/23	1230	03550510002	03 SB051	0	2	SO	G	2	–	1	X	1	X				
4/23	1250	03SB0510206	"	2	6	SO	G	2	–	1	X	1	X				
4/23	1300	03SB0510610	"	6	10	SO	G	5	3	1	X	1	X				
4/23	1325	03550520002	03 SB052	0	2	SO	G	2	–	1	–	1	–				

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY	4/23/04	1900	1. RECEIVED BY FEDERAL EXPRESS	4/23/04	1900
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS If the analysis block is XED then the sample aliquot will come from the 1st 4oz jar container to the left.

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 3641 | PAGE 1 OF 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
CTO N8383 0311	NSWIC CRANE	RALPH BASINSKI	(412) 921-8308	LAUCKS / ANH HO

SAMPLERS (SIGNATURE)	FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
S. Conti, Walter Paul Rogers	TERRY ROSAHN	(412) 921-8857	940 S. HARNEY ST.
	CARRIER/WAYBILL NUMBER		CITY, STATE
	FED. EX AB # 8412 2491 1809		SEATTLE, WA 98108

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	VOLATILES	EXPLOSIVES	RDX DEGRADATION PRODUCTS	TAL METALS + TIN	PERCHLORATE				COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									P	G	G	G	G				
PRESERVATIVE USED									4°C	4°C	4°C	4°C	4°C				
TYPE OF ANALYSIS																	
4/23	1345	03SB0520206	03 SB052	2	6	SO	G	3	-	1	-	2	-				DO MS/MSD ON METALS & TIN ONLY
4/23	1400	03SB0520610	"	6	10	SO	G	5	3	1	-	1	-				
4/23	1415	03SB0521014	03 SB052	10	13.5	SO	G	5	3	1	-	1	-				
4/23	1430	03SS0490002 (TR)	03 SB049	0	2	SO	G	2	-	1	X	1	X				
4/23	1440	03SB0490206	"	2	6	SO	G	2	-	1	X	1	X				
4/23	1445	03SB0490610	"	6	10	SO	G	5	3	1	X	1	X				
4/23	1500	03SB0491014	"	10	14	SO	G	5	3	1	X	1	X				
4/23	0000	FD04230401	QC	-	-	QC	G	2	-	1	X	-	1				DUP OF 03SB0910206
4/23	0000	FD04230402	QC	-	-	QC	G	1	-	-	-	1	-				DUP OF 03SB0520206
4/23	1515	03SS0500002 (TR)	03 SB050	0	2	SO	G	2	-	1	-	1	-				
4/23	1525	03SB0500206	"	2	6	SO	G	2	-	1	-	1	-				
4/23	1535	03SB0500610	"	6	10	SO	G	5	3	1	-	1	-				
4/23	1545	03SB0501014	"	10	13.5	SO	G	5	3	1	-	1	-				

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY [signature]	4/23/04	1900	1. RECEIVED BY FEDERAL EXPRESS	4/23/04	1900
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS If the analysis block is XED then the sample aliquot will come from the 1st 4oz container to the left.

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

TETRA TECH NUS, INC. CHAIN OF CUSTODY NUMBER 3644 PAGE 1 OF

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
CTO N8383 0311	NSWC CRANE	RALPH BASINSI	(412) 921-8308	LAUCKS / ANH HO
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Terry Rojahn		TERRY ROJAHN	(412) 921-8857	940 S. HARNEY ST
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FED. EX. ABF 8412 2491 1912		SEATTLE, WA 98108

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	Volatiles SW-846 8260B	Explosives SW-846 8330	Total Metals, Hg + TIN 6020/7470A/6020	Dis Metals, Hg + TIN 6020/7470A/6020	Perchlorate				COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									G	G	P	P	P				
PRESERVATIVE USED									4°C/HCl	4°C	4°C/HNO3	4°C/HNO3	4°C				
4/24	0730	TB04240401	QC	-	-	QC	G	2	2								TRIP BLANK
4/24	1220	03SPAp01	SPRING A	-	-	SP	G	6	3	2	1	-	-				
4/24	1220	03SPAp01-F	"	-	-	SP	G	1	-	-	-	1	-				
4/24	1240	03GWTW06	03 TW06	-	-	GW	G	6	3	2	1	-	-				
4/24	1240	03GWTW06-F	"	-	-	GW	G	1	-	-	-	1	-				
4/24	1553	03GW0702	03-07	-	-	GW	G	7	3	2	1	-	1				
4/24	0000	FDQ4240401	QC	-	-	QC	G	6	3	2	1	(1)	-				DUP OF 03GW0702

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY Terry Rojahn	4/26/04	1030	1. RECEIVED BY FEDERAL EXPRESS	4/26/04	1030
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TINUS-001

TETRA TECH NUS, INC. CHAIN OF CUSTODY NUMBER 3722 PAGE 1 OF 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N8383	NSWC CRANE	BASINSKI	412 921 8308	STL / CHRIS ANDERSON 802 655 1203
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
SJ Conti		ROJAHN	412 921 8857	55 S. PARK DRIVE
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FED EX BILL # 8412 2491 1923		COLCHESTER, VT. 05446

STANDARD TAT ☐
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): SHELBY TUBE

PRESERVATIVE USED:

TYPE OF ANALYSIS: SP GRAVITY ASTM D854; BULK DENSITY ASTM D2937; POROSITY BY CALCULATION

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	SP GRAVITY ASTM D854	BULK DENSITY ASTM D2937	POROSITY BY CALCULATION	COMMENTS
4/24	0920	03ST0990204	SB 099	2	4	SO	G	1	1			ST-01
4/24	1000	03ST0770608	SB 077	6	8	SO	G	1	1			ST-02
4/24	1110	03ST0870608	SB 087	6	8	SO	G	1	1			ST-03
4/24	1145	03ST1050506	SB 105	5	6	SO	G	1	1			ST-04 A
4/24	1200	03ST1050607	SB 105	6	7	SO	G	1	1			ST-04B
												MAY HAVE TO COMBINE 04A 04B OR DO SEPARATE
												CALL 412 921 7090 JEFF SCHUBERT FOR DETAILS OR ANY OTHER QUESTIONS.

1. RELINQUISHED BY	DATE	TIME	1. RECEIVED BY	DATE	TIME
SJ Conti	4/26/04	1100	FED EX	4/26/04	1100
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

FORM TtNUS-001 4/02R

EQUIPMENT CALIBRATION LOGS

Tetra Tech NUS, Inc.

EQUIPMENT CALIBRATION LOG

PROJECT NAME: NSWC CRANE, SWMU 03

SITE NAME: ABG/OJT

PROJECT No.: N8383

INSTRUMENT NAME/MODEL: PID 2020

MANUFACTURER: PE PHOTOVAC / PERKINELMER

SERIAL NUMBER: ED KJ 332

Date of Calibration	Instrument I.D. Number	Person Performing Calibration	Instrument Settings		Instrument Readings		Calibration Standard (Lot No.)	Remarks and Comments
			Pre-calibration	Post-calibration	Pre-calibration	Post-calibration		
4/1/04	SAME	TK	–	–	97	99.8	60237-03	OK
4/2/04	"	TK	–	–	98	100	"	OK
4/3/04	"	TK	–	–	98	100	"	OK
4/4/04	"	QPD	–	–	81.5	99.8	"	OK
4/5/04	"	TK	–	–	121	100	"	
4/16/04	"	STC	–	–	125	100	"	OK
4/17/04	"	SJC	–	–	90	100	"	OK
4/18/04	"	SJC	–	–	120	100	"	OK
4/19/04	"	SJC	–	–	95	100	"	OK
4/20/04	"	SJC	–	–	92	100	"	OK
4/21/04	"	SJC	–	–	91	100	"	OK
4/22/04	"	SJC	–	–	106	100	"	OK
4/23/04	"	SJC	–	–	120	100	"	OK

Tetra Tech NUS, Inc.

DOCUMENTATION OF FIELD CALIBRATION

PROJECT NAME: NSWC CRANE, SWMU 3

SITE NAME: ABG/OJT

PROJECT No.: N8383

INSTRUMENT NAME/MODEL: YSI

MANUFACTURER: YSI

SERIAL NUMBER: 98H 1750 & 99K 0055 AE

Date of Calibration	Person Performing Calibration	Readings Prior to Cali. or Calibration Check					Calibration Readings					Calibration Standard (Lot No.)	Remarks and Comments
		PH 7.0	PH 4.0	CON	ORP @ TEMP	DO mg/L/%	PH 7.0	PH 4.0	CON	ORP @ TEMP	DO mg/L/%		
4-4-04	QD	6.94	4.04	.872	240.6 @ 15.38	9.07/92.7	7.0	4.0	1.0	237.5 @ 15.52	9.59/98.0	(4.0) 3129 (7.0) 3106	(cond) 4026 (ORP) 031385
4-5-04	QD	7.09	3.91	1.01	237.4 @ 15.65	9.93/103	7.0	4.0	1.0	— @ —	9.41/98.5	"	"
4-6-04	QD	6.96	4.03	1.01	235.1 @ 16.04	9.42/98.3	—	—	—	— @ —	—	"	"
4-7-04	QD	7.05	4.03	1.02	235.8 @ 17.40	9.22/97.4	—	—	1.0	— @ —	9.91 @	"	"
4-8-04	QD	7.00	4.04	.978	230.7 @ 18.93	8.38/92.0	7.0	4.0	1.0	237.5 @ 18.99	9.1/99.1	"	"
99K0055 AE					@					@		"	Cond 4256 10/04 ORP 031385
4-17-04	TR	7.00	4.06	.889	241.3 @ 18.38	8.18/91.2	7.00	4.00	0.999	237.4 @ 18.40	8.81/98.3	"	"
4-18-04	TR	7.04	4.02	1.014	235.9 @ 19.55	8.62/95.2	—	—	1.000	— @ —	9.00/98.6	"	"
4-19-04	TR	7.02	4.00	1.013	235.5 @ 20.11	8.62/96.2	—	—	1.000	— @ —	8.79/98.1		
4-21-04	TR	7.01	4.00	0.981	236.0 @ 19.62	7.75/86.6	—	—	1.000	— @ —	8.73/96.9		
4-22-04	TR	7.03	4.02	0.965	238.6 @ 18.00	198.7/90.24	—	—	1.000	— @ —	9.22/97.7		
4-26-04	TR	7.01	4.01	0976	240.9 @ 16.67	9.61/98.7	—	—	1.000	— @ —	9.56/98.3		
					@					@			
					@					@			
					@					@			
					@					@			

Tetra Tech NUS, Inc.

DOCUMENTATION OF FIELD CALIBRATION

PROJECT NAME: NSWC CRANE, SWMU 3

SITE NAME: ABG/OJT

PROJECT No.: N8383

INSTRUMENT NAME/MODEL: YSI

MANUFACTURER: YSI

SERIAL NUMBER: 99K0055AE

Date of Calibration	Person Performing Calibration	Readings Prior to Cali. or Calibration Check					Calibration Readings					Calibration Standard (Lot No.)	Remarks and Comments
		PH 7.0	PH 4.0	CON	ORP @ TEMP	DO mg/L/%	PH 7.0	PH 4.0	CON	ORP @ TEMP	DO mg/L/%		
4/1/04	QS	7.39	4.0	9.07	241.9 @ 15.57	8.16 mg/L / 83.4%	7.0	4.0	1.0	237.6 @ 14.90	9.50 / 97.9%	(4.0) 3129 (7.0) 3106	(cond) 4026 (orp) 0311385
4/2/04	QS	7.03	4.34	1.02	237.8 @ 16.40	—	—	4.0	—	— @ —	—	"	"
4/3/04	QS	6.68	4.05	1.01	237.9 @ 17.70	—	7.0	—	—	— @ —	—	"	"
4/4/04	QS	7.04	4.36	.993	237.0 @ 16.42	8.90 / 91.7	7.0	4.0	1.0	237.5 @ 16.40	9.50 / 98.1	"	"
4/5/04	QS	7.13	3.89	.999	235.1 @ 18.37	8.91 / 99.8	7.0	4.0	1.0	237.5 @ 18.33	—	"	"
4/6/04	QS	6.97	4.07	.990	237 @ 16.20	11.18 / 115.3	—	—	—	— @ —	9.46 / 97.8	"	"
4/7/04	QS	6.97	4.05	.991	237.7 @ 18.12	10.29 / 106.1	—	—	—	— @ —	9.35 / 96.2	"	"
4/8/04	QS	6.94	4.06	.936	232.8 @ 18.25	7.86 / 84.2	7.0	4.0	1.0	237.5 @ 18.26	9.02 / 96.7	"	"
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Tetra Tech NUS, Inc.

EQUIPMENT CALIBRATION LOG

PROJECT NAME: NSWC CRANE, SWMU 03

SITE NAME: ABG/OJT

PROJECT No.: N8383

INSTRUMENT NAME/MODEL: Turbidimeter / 2020

MANUFACTURER: Lamotte

SERIAL NUMBER: 1139-1699

Date of Calibration	Instrument I.D. Number	Person Performing Calibration	Instrument Settings		Instrument Readings		Calibration Standard (Lot No.)	Remarks and Comments
			Pre-calibration	Post-calibration	Pre-calibration	Post-calibration		
4-4-04	N/A	[illegible]	N/A	N/A	0	0	—	10 @ 10
4-5-04		[illegible]	N/A	N/A	0	0	—	10 @ 10
4-6-04		[illegible]	N/A	N/A	0	0	—	10 @ 10
4-7-04		[illegible]	N/A	N/A	0	0	—	10 @ 10
4-8-04		[illegible]	N/A	N/A	0	0	—	10 @ 10
4-17-04	SAME	TR	N/A	N/A	0	0	—	10 @ 10
4-18-04	"	TR	N/A	N/A	0	0	—	10 @ 10
4-19-04	"	TR	N/A	N/A	0	0	—	10 @ 10
4-20-04	"	TR	N/A	N/A	0	0	—	10 @ 10
4-22-04	"	TR	N/A	N/A	0	0	—	10 @ 10
4-24-04	"	TR	N/A	N/A	0	0	—	10 @ 10

Tetra Tech NUS, Inc.

EQUIPMENT CALIBRATION LOG

PROJECT NAME : NSWC CRANE, SWMU 03

SITE NAME: ABG/OJT

PROJECT No.: N8383

INSTRUMENT NAME/MODEL: Turbidimeter / 2020

MANUFACTURER: LaMotte

SERIAL NUMBER: 3106-1402

Date of Calibration	Instrument I.D. Number	Person Performing Calibration	Instrument Settings		Instrument Readings		Calibration Standard (Lot No.)	Remarks and Comments
			Pre-calibration	Post-calibration	Pre-calibration	Post-calibration		
4-1-04		[illegible]	N/A	N/A	0	0	–	
4-2-04		[illegible]	"	"	0	0	–	
4-3-04		[illegible]	"	"	0.4	0	–	
4-4-04		[illegible]	"	"	0	0	–	10.0 @ 10.17
4-5-04		[illegible]	"	"	0	0	–	10.0 @ 10.05
4-6-04		[illegible]	"	"	0	0	–	10.0 @ 10.23
4-7-04		[illegible]	"	"	0	0	–	10.0 @ 9.84
4-8-04		[illegible]	"	"	0	0	–	10.0 @ 10.03

APPENDIX E

APRIL 2004 SITE LOG BOOKS,

AND FIELD NOTEBOOK

SITE LOGBOOK

ABG
N8383

2566

Start : 4/01/04
END :

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Subject	Page

BOOK 2566

Work continued from Page —

M. Cloud 40'x

Ammunition Burning Grounds.
Field Work: Jim Goeldt
3/31/04 - 4/2/04.

3/31/04

1330 Arrived at Crane
- inventory of equip/supplies
1650 - visited ABG
~~1450~~ Left Crane for Minaret & Sam's Club for supplies.
1900 - finished purchases.

4/1/04
0700 - Arrived at Crane
Loaded vehicles w/ well development equip.
0845 - Left Bldg 3245 for ABG.
0900 - Arrived @ ABG & checked in w/ site supervisor. Access granted. Survey of wells.

1044 - Left ABG enroute to 3245. TR met w/ T.B.

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

Work continued to Page 2

SIGNATURE [signature] DATE 4-1-04

WITNESS DATE

TITLE SWC Crane PROJECT NO. 8383
BOOK 2566

Work continued from Page 1

1115-1145 Broke for lunch
& returned to Bldg 3245.
T.R. met w/ TB & phoned
Texas Pgh office.

1230 - Arrived back @ ABG
& checked-in. Began developing
wells - see FOL Logbook
for details.

1645 - Left ABG & returned
to Bldg. 3245.

1730 - Left Crane for Lowes.

1830 - Finished @ Lowes.

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

Work continued to Page

SIGNATURE DATE 4-1-04
WITNESS DATE

TITLE NSWC Crane PROJECT NO. 8383
BOOK 2566

Work continued from Page —

4-2-04

0700 - Arrived @ Bldg 3245.
Calibrated equipment, planned
for the day, loaded vehicles.
Contacted IT Dept. to send
power cord for laptop.

0830 - Left 3245 enroute to
ABG. Well development - see
FOL logbook for details

1145 - Departed ABG. Dump pump
water.

1200-1230 - Broke for lunch.

1230 - Arrived @ Bldg. Check in
w/ Texas Pgh office. Load
additional supplies/equip.

1300 - Departed for ABG.
Well development. See FOL log
book for details.

1710 - Left ABG. 1745 - Left Crane.

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

Work continued to Page —

SIGNATURE DATE 4/2/04
WITNESS DATE

TITLE NSWC Crane

PROJECT NO. 8383

BOOK 2566

Work continued from Page —

Sunny, upper 50's

4-3-04

0630 - Meander for supplies.

0730 - At Crane bldg 3245. Decon of equipment & load vehicles. Map out the days activities.

0830 - Arrived at ABG for well development. See FOL logbook for details.

1130 - Left ABG to dump purge water & break for lunch.

go 1240 - At ABG to develop other wells. See FOL logbook for details.

1610 - Back at bldg 3245. Unload vehicles, decon equip, check inventory for equip sampling.

1700 - Left Crane for Meanders

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

Work continued to Page —

SIGNATURE

WITNESS

DATE 4-3-04

DATE

TITLE NSWC Crane

PROJECT NO. 8383

BOOK 2566

Work continued from Page —

P. Cloudy Low 50's

4-4-04

0700 - Arrived at Crane. Decon equipment. Load vehicles w/ sump equip. Plan sampling activities.

0830 - Left Bldg 3245 for well development at ABG. See FOL logbook for details.

1130 - Left Bldg 3245 & traveled to ABG. Began purge at well 03-35 @ 1257.

1420 - Completed sampling well 03-35. Began setup at 03-01. Purging @ 1455.

1610 - Completed sampling @ 03-01. Moved to 03-30.

1620 - Bladder pump at bottom of 03-30. Was not able to draw water out of well.

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

Work continued to Page 6

SIGNATURE

WITNESS

DATE 4-4-04

DATE

TITLE NSWC Crane PROJECT NO. 8383
BOOK 2566

Work continued from Page 5

pulled up tubing and bailed water column half way up tubing. Well did not recharge at all since purged on 4/1/04. Left pump & tubing in the well. Reported to FOL.

1700 - Met w/ FOL on Deep Trail. He was just finishing up. Took purge water to Dump Station & returned to Bldg 3245.

1725 - Unload vehicle & placed samples in fridge.

1800 - Left Crane.

SCIENTIFIC BINDERY PRODUCTIONS · CHICAGO · 60605

Work continued to Page

SIGNATURE

DATE 4/4/04

WITNESS

DATE

TITLE NSWC Crane PROJECT NO. 83
BOOK 2566

Work continued from Page — Sun 50's

4-5-04

0700 - Arrived at Crane. Decon/calibrate equip. Load vehicle. Plan for the day.

0830 - Checked in at ABG.

0835 - Checked on well 03-3 Water level did not recover. Pump is approx. 5' off bottom of well, most likely in well sump & M-scope did not indicate any water, even when it hit top of pump. Well will most likely not be sampled.

0850 - Began set up at well 03-33. During purging, we was drawing down. Stopped purging at 1100.

1105 - Met up w/ FOL. Decided to break down well 03-33 to allow it to recharge & would

SCIENTIFIC BINDERY PRODUCTIONS · CHICAGO · 60605

Work continued to Page

SIGNATURE

DATE

WITNESS

DATE

TITLE NSWC Crane PROJECT NO. 8383
BOOK 2566

Work continued from Page 7

try to sample at the end of the day.

1130 - Began set up at well 03C01PZ.

1200 - Met up w/ FOL. Dumped purge water & broke for lunch. Returned to field office to pick up another bladder pump.

1300 - Left field office (3245) enroute to ABG.

1341 - Began purging at well 03C01PZ. Pump rate of 300 ml/min w/ no drawdown. Field parameters stabilized however turbidity remained greater than 10 NTU. ~~ABG~~

1520 - ABG personnel asked us to evacuate the site due to a planned burn. Left

Work continued to Page

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

SIGNATURE [signature] DATE 4-5-04
WITNESS DATE

TITLE NSWC Crane PROJECT NO. 8383
BOOK 2566

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site, stopped to dump purge water & returned to 3245.

1610 - Unloaded vehicles, decon equipment, & prepared samples for shipping.

1710 - Left crane enroute to Fed-ex to ship samples.

1755 - Left Fed-Ex.

Work continued to Page

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

SIGNATURE [signature] DATE 4-5-04
WITNESS DATE

TITLE NSWC Crane PROJECT NO. 8383
BOOK 2566

Work continued from Page — Sun 30's/60's

4-6-04

0655 - Arrived at Crane. Calibrated equipment & loaded vehicle.

0745 - Left Bldg 3245 for ABG.

0815 - Signed in at ABG site office. Proceeded to well 03C01P2 to collect samples.

0940 - Finished sampling at 03C01P2. Turbidity was checked prior to taking a dissolved metals sample. Turbidity was < 10 NTU so sample was not collected. Broke down equipment & proceeded to well 03-33 to finish sampling.

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605 Work continued to Page

SIGNATURE DATE 4-6-04

WITNESS DATE

TITLE NSWC Crane PROJECT NO. 8383
BOOK 2566

Work continued from Page 10

1044 - Finished sampling at 03-33. Turbidity checked during sampling was 15 NTU so dissolved metals sample was collected. Left ABG to go to field office for bacon & equipment.

1130 - Left bldg 3245. Stopped at Cafe to pick up lunch to-go for T.R. & myself.

1200 - Checked in ABG office to inform them of my location this p.m. They have plans to burn, but I should not be affected.

1220 - Began set up at 03C13.

1240 - While lowering bladder pump into well, it became lodged in at approx. 13 feet. Unable to pull back up.

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605 Work continued to Page

SIGNATURE DATE 4-6-04

WITNESS DATE

TITLE NSWC Crane

PROJECT NO. 8383

BOOK 2566

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1250 - Reported to FOL. Advised him of situation. Assisted, but unable to dislodge pump. Decision made to try to dislodge it at another time. Packed up & moved to well 03-C21. Notified ABG site supervisor - he had no objections.

1340 - Began set up at well 03-C21.

1630 - Completed sampling at well 03-C21. Broke down equipment, checked out at ABG office & returned to bldg 3245

1650 - At bldg 3245, unloaded vehicles, prepared a cooler of samples for shipment.

1740 - Left Crane enroute to Fed Ex. Then to Lowes for supplies.

1800 - Finished up at Lowes.

Work continued to Page —

SIGNATURE

DATE 4-6-04

WITNESS

DATE

TITLE NSWC Crane

PROJECT NO.

BOOK 2566

Work continued from Page —

4-7-04

0700 - Arrived at Crane. Calibrated equipment, loaded vehicle, & planned for the day.

0850 - Checked in @ ABG office. Unable to get to well 03-C13 & trying to get to well pump due to open burning in the area.

0900 - Began set up @ 03-09

1105 - Began sampling at well 03-09. Broke down equip. Reported to ABG office we were leaving for a short period. Broke for lunch.

1200 - Returned to field office to drop off samples & decon bladder pumps.

1245 - Left field office for ABG.

1300 - Checked in at ABG office &

Work continued to Page 14

SIGNATURE

DATE 4-7-04

WITNESS

DATE

TITLE NSWC Crane PROJECT NO. 8383
BOOK 2566

Work continued from Page 13

informed them of my location

1315 - Set up at well 03C03P2. Initial color of purge water was bright green. After approx. 45-60 minutes the color turned light green. All parameters stabilized, but turbidity remained just above 10 NTUs. Decision made to begin sampling since a well volume had been ~~also~~ purged.

1525 - Began sampling well 03C03P2. At 1540, was asked to evacuate the area due to a planned burn. Left most equip & covered the well.

1630 - Burn was finishing up & I was allowed to resume sampling.

SCIENTIFIC BINDERY PRODUCTIONS · CHICAGO 60605

Work continued to Page 15

SIGNATURE [signature] DATE 4-7-04
WITNESS DATE

TITLE NSWC Crane PROJECT NO. 8383
BOOK 2566

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1720 - Completed sampling (including FD) & returned to Bldg. 3245.

1840 - Left Crane.

SCIENTIFIC BINDERY PRODUCTIONS · CHICAGO 60605

Work continued to Page

SIGNATURE [signature] DATE 4/7/04
WITNESS DATE

TITLE NSWC Crane

PROJECT NO. 8383

BOOK 2566

Work continued from Page — Sun 50/60°

4-8-04

0700 - Arrived @ Crane. Calibrate equip, decon & bladder pump. TR spoke w/ Pgh office regarding sampling schedule planned out for day.

— - Checked in at ABG office. Planned burn will not allow sampling of 03-39. Went to 03C13 to try & dislodge pump (see FOR log book for details).

— - Assisted T.R. w/ gaining set up at well.

0950 - Began set up at well 03C28. Purging began at 1008. Sampling started at 1137.

1225 - Moved to well 03C05 & began purging at 1235.

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

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SIGNATURE

DATE 4/8/04

WITNESS

DATE

TITLE NSWC Crane

PROJECT NO. 8383

BOOK 2566

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1445 - Returned to bldg 3245 to drop off samples. Returned to ABG.

1530 - Began set up at well 03-16. Met w/ T.R. to finish his sampling so he could return to office to pack samples for shipment.

1645 - Returned to bldg 3245 to drop off samples from 03-21 & to pick up keys for well 03-16.

1930 - Finished sampling at 03-16. Returned to bldg 3245.

2020 - Left Crane

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

Work continued to Page —

SIGNATURE

DATE 4/8/04

WITNESS

DATE

TITLE SWC Crane PROJECT NO. 8383
BOOK 2566

Work continued from Page — Sun 50's

4-9-04

0710 - Arrive at Crane. Unload vehicle & all equipment. Pack equipment not needed for next shift to send back. Clean office area. Pack samples.

0945 - Pick up dig permits.

1600 - ABG to stake out soil boring locations.

1120 - Return to bldg 3245 for final cleanup.

1145 - Exit Crane heading to Indianapolis airport

End of shift.

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

Work continued to Page

SIGNATURE

DATE 4-8-04

WITNESS

DATE

TITLE PROJECT NO.
BOOK

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SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

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SIGNATURE

DATE

WITNESS

DATE

ABG
N8383

2567

Start : 3/29/04
END :

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Su	Subject	Page

TITLE NSWC CRANE

PROJECT NO. N 6565

BOOK 2567

Work continued from Page

BACKGROUND INFORMATION FOR SOIL TYPES INTO SOIL GROUPS APPEARS ON PAGES 2 & 3.

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

Work continued to Page

SIGNATURE Terry Rozil

DATE 3/29/04

WITNESS

DATE

TITLE NWC CRANE

PROJECT NO. N8383

BOOK 2567

Work continued from Page

Abbreviations are as follows:

First Letter:	A - Alluvial Soil	M - Mississippian Soil (residual soil from Mississippian bedrock/colluvium)
	L - Loess/Glacial (deposits)	P - Pennsylvanian Soil (residual soil from Pennsylvanian bedrock/colluvium)
Second Letter:	B - Subsurface Soil	S - Surface Soil
Third Letter:	C - Clay	S - Sand
		L - Silt

Notes:

Tetra Tech NUS, Inc.

FINAL DIFFERENTIATION OF SOIL TYPES INTO SOIL GROUPS
NAVAL SURFACE WARFARE CENTER (NSWC)
CRANE DIVISION

DRAWN BY K. HENN	DATE 7/6/00	CONTRACT NUMBER 0087	OWNER NO. 0083
CHECKED BY	DATE	APPROVED BY K. HENN	DATE 7/6/00
COST/SCHEDULE-AREA		APPROVED BY	DATE
SCALE AS NOTED		DRAWING NO. FIGURE 4-1	REV 0

continued to Page

SIGNATURE

WITNESS

DATE 3/29/04

DATE

TIT

Wor

	DEPOSITIONAL ENVIRONMENT			
	LOESS/GLACIAL Soil	ALLUVIAL Soil	Residual soil from MISSISSIPPIAN Bedrock	Residual Soil from PENNSYLVANIAN Bedrock
SURFACE	LS			
SUBSURFACE CLAY		ABC	MBC	
SUBSURFACE SILT		ABL		
SUBSURFACE SAND		ABS	MBS	PBS

Soil Group Number	Soil Types within Soil Group & Representative Color	Soil Group Description	Total Number of Samples Collected & Analyzed in Soil Group
1	LS	Loess/Glacial Surface Soil	5
2		Loess/Glacial Subsurface Soil	13
3		All Surface Soil (except Loess/Glacial)	15
4	ABL/ABS	Alluvial Silt and Sand Subsurface Soil (except Clay)	9
5	ABC	Alluvial Subsurface Clay	3
6	MBC/MBS	Mississippian Subsurface Soil (except Silt)	7
7		Mississippian Subsurface Silt	5
8		Pennsylvanian Clay and Silt Subsurface soil (except Sand)	9
9	PBS	Pennsylvanian Subsurface Sand	1

SIGNATURE

WITNESS

DATE 3/29/04

DATE

TITLE NSWC CRANE
THURS APR 15 2004

PROJECT NO. N8383

BOOK

Work continued from Page

AT SITE: SJC, TR, WR } Ft NUS
JD EFS

AM: SUNNY COOL
PM: " WARMER

Work continued to Page

SIGNATURE SJ Conti

WITNESS

DATE 4/16/04

DATE

TITLE NSWC CRANE
FRI APR 16 2004

PROJECT NO. N8383

BOOK 2567

Work continued from Page

AT SITE: TR SJC, WR } Ft NUS
JD EFS

AM: SUNNY, COOL
PM: " , WARM

0630 AT SITE TR TO MEET WITH JACOBI LANDSCAPERS - SJC, WR PREPARE EQ FOR SAMPLING - CALIB PID, ETC

0730 EFS ARRIVES - BRIEF JOSH ON GOAL FOR TODAY

0830 LOAD UP VAN - GO TO ABG - DROP TRAILER AND MOVE TO 03SB053

0915 START DPT WORK

0920 TOOK FIRST SAMPLE 0-2 (03SB053) SEE COC FOR DETAILS REF @ 4.5

1000 MOVE TO (03SB105) REF @ 11.5

1245 START @ (03SB057) REF @ 5.5

1325 MOVE TO (03SB060) AND START

Work continued to Page

SIGNATURE SJ Conti

WITNESS

DATE 4-16-04

DATE

TITLE NSWC CRANE
FRI (CONT)

PROJECT NO. N8383
BOOK 2567

Work continued from Page

1420 START @ 03SB066

1500 START @ 03SB067

1545 START @ 03SB068 - TOOK DUP HERE.
AT 0610 (03SB068 0610)

1615 FINISH UP AT 068 - COMPLETE PAPER WORK - SECURE DPT RIG.

1700 ARRIVE AT OFFICE - PREPARE AND PACKAGE SAMPLES.

1800 LU FOR FED EX.

QUANTITIES TODAY:

DPT RIG - 1 DAY.

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

Work continued to Page

SIGNATURE SJ Conte DATE 4/14/04

WITNESS DATE

TITLE NSWC CRANE
SAT APR 17 2004

PROJECT NO. N8383
BOOK 2567

Work continued from Page

AT SITE: SJC, WR, TR } TETRUS
AM: SUNNY COOL → WARM
PM: " WARM, WINDY
CM - EFS

0630 LU MOTEL FOR SITE.

0705 ARRIVE SITE - CALIB PID - LOAD TRUCK WITH EQ. ETC.

0730 C. MASON (EFS) ARRIVES - CONDUCT BRIEF H&S SESSION.

0830 LU FOR ABG - SET UP ON 063

0850 START @ 063

0930 " @ 106

1000 " @ 065

1055 " @ 10

1200 DONE @ 110 MOVE TO 064
GO GET MORE ICE, BOTTLES ETC

1300 START @ 064

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

Work continued to Page

SIGNATURE SJ Conte DATE 4-17-04

WITNESS DATE

TITLE NSWC CRANE
SAT (CONT) 4/17/04

PROJECT NO. N8383
BOOK 2567

Work continued from Page

1330 DONE @ 064 HIT WEATH SHALE @ ≈1'. WENT TO 4.5 (REFUSAL) TOOK MS/MSD AT 0002 AT THIS DEPTH (1315 HRS)

1340 MOVE TO BORING 111 - HIT WEATH SHALE @ 7.5 REF @ 9'.

1415 MOVING TO 079 7 START AT 1426

1520 START AT 080 8

1600 START AT 08 9 TOOK DUP HERE ALSO (G-10) TOOK MS/MSD ALSO AT (G-10) SEE COC 5.

QUANTITES

DPT RIG - (1 DAY)

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

Work continued to Page

SIGNATURE S J Conte
WITNESS

DATE 4/17/04
DATE

TITLE NSWC CRANE
SUN APR 18 2004

PROJECT NO. N8383
BOOK 2567

Work continued from Page

AT SITE: SJC, TR, WR } TE NUS

AM: SUNNY, WARM
PM: " " WINDY

CM EFS.

0630 LV MOTEL

0700 ARRIVE @ SITE - LOAD TRUCK - CALIB PID

0800 AT ABG - MOVE TO START 082 1

0910 " " " START 083 2

0955 " " " " 084 3

1015 " " " " 114 4

1050 " " " " 088 5

1110 " " " " 089 6

1200 FINISH UP AT 089 - EFS TO RE-CHARGE BATTERY FOR DPT RIG

1230 WENT TO GET MORE SUPPLIES - DROP OFF SAMPLES.

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

Work continued to Page

SIGNATURE S J Conte
WITNESS

DATE 4/18/04
DATE

TITLE NSWC CRANE
SUN APR 18 (CONT)

PROJECT NO. N8383
BOOK 2567

Work continued from Page

1300 BACK AT ABG MOVE TO 090 7

1315 TOOK SAMPLE FROM 0-2 - WES DECIDES TO CHECK FOR UXO - DUE TO VISIBLE MATL NEAR THE BORING LOCATION. THEN CONTINUE

1415 MOVE TO AND START DPT @ 086 8

1450 " " " " " @ 085 9

1525 " " " " " @ 087 10

1620 DONE AT 087. COLLECT TRASH AND DISPOSE OF. EES MOVES TRAILER TO CENTRAL LOCATION

1630 TR ARRIVES - TAKES MY SAMPLE LOG SHTS

1700 LV ABG

1730 AT SITE OFFICE.

1800 LV SITE

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

Work continued to Page

SIGNATURE SJ Conti

DATE 4/18/04

WITNESS

DATE

TITLE NSWC CRANE
MON APR 19 2004

PROJECT NO. N8383
BOOK 2567

Work continued from Page

AT SITE SJC, TR } TITUS
JD EES

AM: CLOUDY, COOL, LT RAIN
PM:

0625 LV MOTEL.

0700 ARR SITE TRAILER/OFFICE - CALIB PID LOAD TRUCK WITH EQ AND SUPPLIES.

0800 SIGN IN AT ABG - DISCUSS "GAME PLAN" FOR TODAY - JOSH HAS TO MOVE HIS TRAILER -

0830 SET UP IN GRASSY AREA NEAR 096 WILL TRY TO GET THESE FIRST IN CASE WE GET A LOT OF RAIN. RAINING LIGHTLY NOW.

0900 MOVE TO/SET UP ON OBSB 118 1

0940 " " " " " 092 2

1000 " " " " " 093 3

1020 " " " " " 096 4

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

Work continued to Page

SIGNATURE SJ Conti

DATE 4-19-04

WITNESS

DATE

TITLE NSWC CRANE MON (CONT)

PROJECT NO. N8383

BOOK 2567

Work continued from Page

1040 MOVE SET UP AT 098 5

1110 MOVE SET UP AT 093 6

1200 DONE AT 093 - MOVE EQUIP ETC. CHECK IN WITH ARG - HAVE TO WORK AT AREA D IN AFT DUE TO BURN ACTIVITY.

1230 GO UNLOAD COOLER W/ SAMPLES - PICK UP MORE JARS AND ICE AND COOLER

1330 AT AREA D MOVE SET UP AT 073 7

1415 " " " " " 070 8

1450 " " " " " 069 9

1520 " " " " " 071 10

1530 DONE AT 071 - HAD TO LEAVE AREA FOR BURN GOT OK TO PROCEED @ 1615 HRS

1625 AT AREA D MOVE SET UP AT 072 11

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

Work continued to Page

SIGNATURE SJ Conte

DATE 4/19/04

WITNESS

DATE

TITLE NSWC CRANE MON (CONT)

PROJECT NO. N8383

BOOK 2567

Work continued from Page

1655 DONE AT 072 CLEAN UP AND GO TO SITE OFFICE.

1710 PREPARE/ PACKAGE SAMPLES.

1830 ARR FED EX. WORK ON LOGS AND SLS IN ROOM.

QUANTITIES MON

DPT 1 DAY

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

Work continued to Page

SIGNATURE SJ Conte

DATE 4/19/04

WITNESS

DATE

TITLE NSWC CRANE
TUE APR 20 2004

PROJECT NO. N8383
BOOK 2567

Work continued from Page

AT SITE: SJC, TR, WR } TE NUS
JD - EFS

AM: CLOUDY COOL W/RAIN-
PM: CLOUDY TO PARTLY SUNNY WARM, BREEZY.

0630 LV MOTEL.

0700 AT SITE - LOAD UP TRUCK W/SUPPLIES RAINING WITH LIGHTNING UNTIL ≈ 0830.

0815 SIGN IN AT ABG - ABG WANTS US TO MOVE FROM AREA D - DUE TO BURN - WILL HAVE TO MOVE RIG FROM D TO E - WE HAD ONLY 2 BORINGS REMAINING AT D, BUT HAD TO MOVE - ALSO GOT LIGHTNING CLEARANCE @ 0820 HRS - VIA ABG

0900 MOVE TO START @ 078 1

0945 " " " @ 077 2

1015 DONE AT 077 - TR, SJC, WR, JD DISCUSS TRYING TO DISLODGE PUMP IN WELL AT AREA E. EFS WILL ATTEMPT LATER DOES NOT HAVE TOOLS WITH HIM.

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

Work continued to Page

SIGNATURE S. Conte
DATE 4/20/04
WITNESS
DATE

TITLE NSWC CRANE
TUE (CONT)

PROJECT NO. N8383
BOOK 2567

Work continued from Page

1045 MOVE TO AND SET UP AT 076 3

1130 DONE AT 076 - MOVE TO AREA T SET UP NEAR 102

1215 GO TO OFFICE - DROP OFF SAMPLES PICK UP MORE ICE, ETC.

1300 BACK AT ABG - CHECK IN WITH ABG PERSONNEL.

1320 MOVE TO AND SET UP AT 102 4

1400 " " " " " " 100 5

1500 " " " " " " 103 6

SET 3/4" ϕ PIEZ TO ≈ 11'

1540 MOVE TO AND SET UP AT 101 7

1615 DONE AT 101 - CLEAN UP - FINISH NOTES. GO TO OFFICE

1730 LV SITE FOR FED EX

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

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SIGNATURE S. Conte
DATE 4/20/04
WITNESS
DATE

TITLE NSWC CRANE
WED APR 21 2004

PROJECT NO. N8383
BOOK 2567

Work continued from Page

AT SITE: SJC, TR, WRD } TENUS — JD-EFS

AM: CLOUDY BREEZY WARM
PM: CLOUDY BREEZY WARM
SOME AFT RAIN.

0630 W MOTEL - GET GAS

0705 AT SITE TR GETS NEW BADGE.

0715 AT OFFICE - LOAD TRUCK - CALIB PID.
GO OVER LOCATIONS OF BORINGS W/TR.

0800 LEAVE FOR ABG SITE.

0820 MOVE SET UP START @ 094 1

0900 " " " " 097 2

0940 " " " " 099 3

1000 " " " " 104 4

1030 MOVE TO SET UP AT 119 5

1130 DONE AT 119 - MOVE CLEAN UP

1200 TAKE SAMPLES TO OFFICE - GET MORE

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

Work continued to Page

SIGNATURE SJ Conte
DATE 4/21/04
WITNESS
DATE

TITLE NSWC CRANE
WED (CONT)

PROJECT NO. N8383
BOOK 2567

Work continued from Page

1OF - W. PAPERWORK FOR TR.

1300 TALK W TR AT ABG - HELP TAKE
DOWN UMBRELLA - DISCUSS HOW AND
WHEN TO TRY AND DISLODGE PUMP

1320 MOVE TO AND START @ 120 6

1355 " " " " " 121 7

1420 STARTS TO RAIN PRETTY HARD

1430 MOVE TO AND START @ 116 8
RAIN SUBSIDES A LITTLE

1500 MOVE TO START @ 115 9

1530 " " " " 117 10

1615 DONE AT 117 - BEGIN TO CLEAN UP

1700 AT OFFICE

1830 FED EX.

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

Work continued to Page

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WITNESS
DATE

TITLE NSWC CRANE PROJECT NO. N8383
THURS APR 22 2004 BOOK 2567

Work continued from Page

AT SITE: SJC, T.R, WR } TETRA TECH
JD EFS

AM: CLOUDY, COOL
PM: " " W/RAIN.

0630 LV MOTEL

0705 ARRIVE SITE - LOAD VAN - CALIB PID
DISCUSS TODAYS ACTIVITIES.

0745 LV OFFICE

0805 ARRIVE ABG - DISCUSS AREAS TO
WORK IN WITH ABG.

0830 MOVE TO AND SET UP 054 1

0905 " " " " 056 2

0920 " " " " 058 3

1000 " " " " 059 4

1030 DONE AT 059 - MOVE DOWN TO
061 061 5

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

Work continued to Page

SIGNATURE SJConn. DATE 4/22/04
WITNESS DATE

TITLE NSWC CRANE PROJECT NO. N8383
THURS (CONT) BOOK 2567

Work continued from Page

1115 MOVE TO AND SET UP AT 074 6

1130 STARTS TO RAIN.

1200 GO TO OFFICE - DROP OFF SAMPLES
GET MORE ICE.

1255 START @ 074 - STILL RAINING

1330 MOVE TO / SET UP AT 075 7

1400 MOVE " / " " " 107 8

1440 " " " " " 108 9

1525 " " " " " 109 10

1615 DONE AT 109 - CLEAN UP -
FINISH PAPERWORK.

1700 AT OFFICE - PACKAGE UP SAMPLES

1830 AT FED EX

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

Work continued to Page

SIGNATURE SJConn. DATE 4/22/04
WITNESS DATE

TITLE NSWC CRANE
FRI APR 23 2003

PROJECT NO. N8383
BOOK 2567

Work continued from Page

AT SITE SJC, WR, TR } TENJS
AM: ~~PM~~ CLOUDY COOL 31°F
PM: JD EFS

0625 LV MOTEL

0700 ARR. SITE - LOAD VAN - CALIB PID

0730 SURVEYORS ARRIVE.

0745 LV FOR ABG

0800 ARR ABG

0830 SET UP ON 091 1

0921 MOVE SET UP 113 2

0950 " " " 112 3

1030 DONE AT 112 - WILL HAVE TO LOAD DPT ONTO TRAILER AND MOVE TO OJT (JEEP TRAIL)

1130 SET UP AT OJT

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

Work continued to Page

SIGNATURE SJ Conte
WITNESS
DATE 4/23/04
DATE

TITLE NSWC CRANE
FRI (CONT) 4/23/04

PROJECT NO. N8383
BOOK 2567

Work continued from Page

1140 - GO TO OFFICE - GET, ICE DROP OFF SAMPLES

1230 SET UP ON 051 4

1325 " " " 052 5

1430 " " " 049 6

1515 " " " 050 7

1600 DONE AT 050 - SET 3/4" PVC TO 13.5' SOIL HAD SOME MOISTURE IN IT. WILL CHECK W/ M SCOPE. WATER ≈ 11' BGS ≈ 2.5' WATER IN PIEZ AT 1600 HRS.

1620 LV ABG GO TO OFFICE.

1645 ARR AT OFFICE.

1830 FED EX

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

Work continued to Page

SIGNATURE SJ Conte
WITNESS
DATE 4/23/04
DATE

TITLE NSWC CRANE
SAT APR 24 2004

PROJECT NO. N8383
BOOK 2567

Work continued from Page

AT SITE: SJC, TR, WR } TH WUS JD-EES

AM: SUNNY, COOL

PM:

0625 LEAVE MOTEL

0700 ARRIVE SITE - PREPARE FOR TAKING SHELBY TUBES AND WATER LEVELS AT ABG.

0800 AT ABG - DECIDE TO SET UP AT SB099 TO TAKE SHELBY TUBES - INSTRUCTIONS ARE TO TAKE AT NE CORNER OF H. WILL SET UP AT 099.

0915 TOOK ST-01 FROM 03SB099 - WE TRIED FROM 4-6 BUT GOT REFUSAL - DECIDED TO PUSH ST-01 2-4 - WENT FROM 2-3.3

0930 MOVED TO AREA E. WILL DO 03SB077 ≈ 6-8 SHELBY TUBE.

1000 TOOK ST-02 (077) THEN TRIED TO DISLODGE PUMP IN EXISTING WELL WE TRIED TO PUSH IT DOWN USING DPT RIG AND 3/4" Ø PIPE - WE

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

Work continued to Page

SIGNATURE SJ Conti

DATE 4/24/04

WITNESS

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TITLE NSWC CRANE
SAT CONT

PROJECT NO. N8383
BOOK 2567

Work continued from Page

WERE ABLE TO PUSH IT ≈ 10' DOWN, BUT COULD NOT FREE IT UP - WE DID NOT HAVE ANY MORE PIPE - WE HAD TO USE THE HAMMER ON THE DPT TO GET IT MOVING AND IN THE PROCESS ≈ 10' OF PIPE WAS LOST IN THE WELL ABOVE THE PUMP TR ON SITE. DECIDED TO PULL OUT - WILL HAVE TO ABANDON THIS WELL.

1050 MOVE TO 03SB087 FOR SHELBY TUBE.

1110 TAKE ST-03 @ 03SB087 - 6' TO 8' 1.75' RECOVERY.

1135 AT 03SB105 - SJC DECIDES TO USE THIS LOCATION FOR SHELBY TUBE AS AREA A IS SURROUNDED BY BEDROCK OUTCROPS. REF @ 053 WAS ≈ 5'.

1230 DPT RIG DONE. SJC/WR PREPARE FOR WATER LEVELS AT ABG.

1900 LV SITE

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

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SIGNATURE SJ Conti

DATE 4/24/04

WITNESS

DATE

TITLE NSWC CRANE 4/24/04 **PROJECT NO.** N8383 **BOOK** 2567

Work continued from Page

STARTED TO RECORD LEVELS IN THIS BOOK, BUT DECIDED TO RECORD

1415	115.38	WES 3 C1	
1418	13.90	WES 3 C1P3	AREA A
1420	70.05	" 3 C1P2	
1422	9.95	WES 3-C22	
1428	125.70	WES 3-12C	
1432	7.80	WES 3-C23	
1438	50.28	" 3-C10	

ON WATER LEVEL SHEETS INSTEAD

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

Work continued to Page

SIGNATURE [signature] DATE 4/24/04

WITNESS DATE

TITLE NSWC CRANE SUN APRIL 25 2004 **PROJECT NO.** N0383 **BOOK** 2567

Work continued from Page

AT SITE: SJC } TENUS
TR }

AM: CLOUDY WARM, LT RAIN
PM: MOSTLY CLOUDY BREEZY WARM.

0630 LV HOTEL

0705 ARRIVE ON SITE - PREPARE TO RESUME SYNOPTIC WATER LEVELS. COMPLETE WATER LEVELS LATE IN DAY ON SUNDAY & 1815 APS.

830 PROCEED TO PERFORM WELL INSP AT ABG WELLS.

1930 RETURN TO OFFICE.

2000 WASH OFF RENTAL VEHICLE AT CAR WASH.

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

Work continued to Page

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WITNESS DATE

SITE FIELD NOTEBOOK

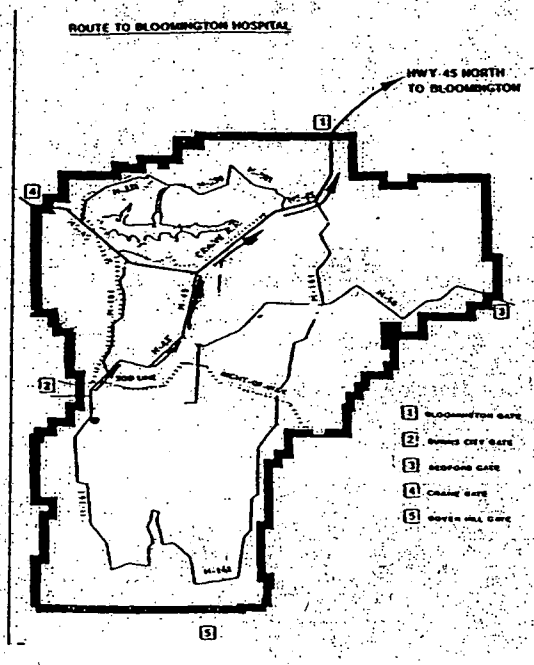
ABG/OJT
N 8383

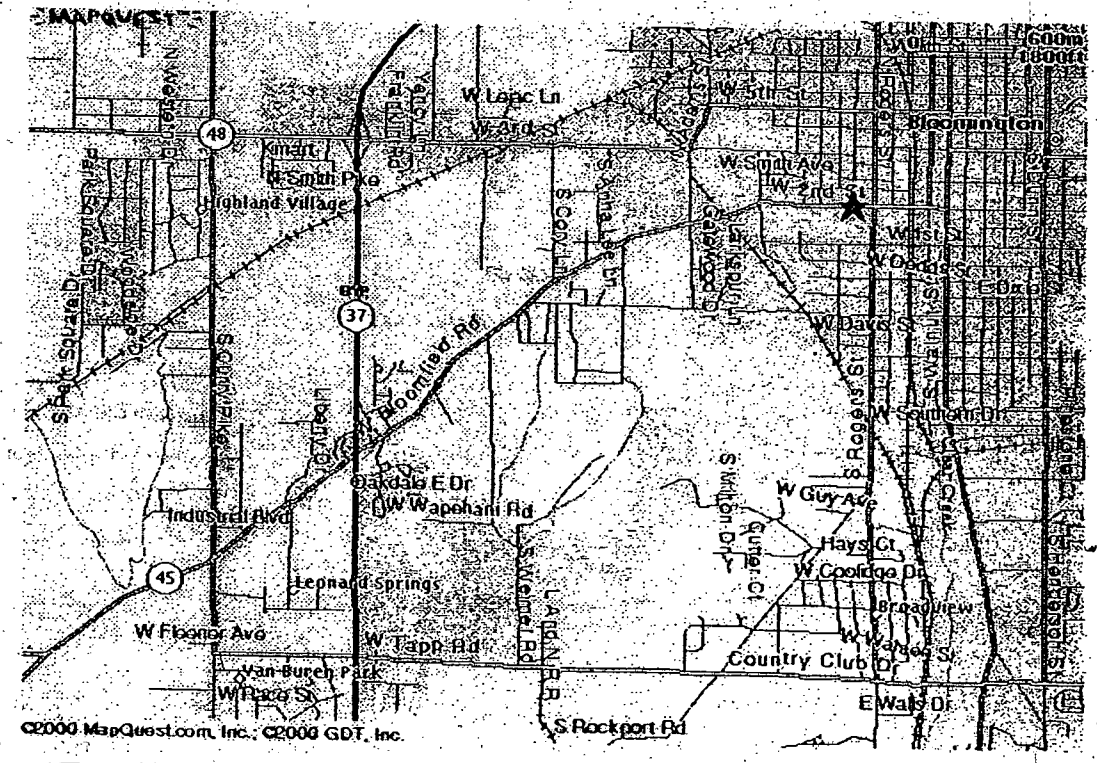
1373

Start : 3/23/04
END :

Hospital Route Map (Bloomington Gate)

Note: The Bloomington Gate is open 24 hours.





TITLE NSWC CRANE

PROJECT NO. N8383

BOOK NO. 1373

1

Work continued from Page HES EMERGENCY INFORMATION

Attached Emergency PHONE #s to this page w/directions to both the Bloomington Hospital & Bedford Reg. Med. Center. SEE LEFT PAGE FOR MAP to Bloomington Hospital via Bloomington Gate & Page 2 for MAP to BEDFORD Reg. Med. Center via BEDFORD GATE.

EMERGENCY REFERENCE

NSWC Crane, Crane, Indiana

AGENCY	TELEPHONE
Base Emergency Number (Fire Department, Base Security, Ambulance)	854-3300 or 854-1333
Base Environmental Office	(812) 854-3114
Bedford Ambulance	(812) 279-6545
Bloomington Hospital (Bloomington, IN)	(812) 336-9515
Hospital, Bedford Medical Center (Bedford, IN)	(812) 275-1200
Poison Control Center	1-800-382-9097
National Response Center	1-800-424-8802
Base Contact, Thomas Brent	(812) 854-6160
Explosive Disposal Director, Walt Waggoner	(812) 854-1317
Contract Task Order Manager, Ralph Basinski	(412) 921-8308
TtNUS Crane Field Office Building 3245	(812)-854-0280
Field Operations Leader, Terry Rojahn	(412) 921-8857
Tetra Tech NUS Office, Pittsburgh	1-800-245-2730 (412) 921-7090
CLEAN Health and Safety Manager, Matthew M. Soltis, CIH, CSP	(412) 921-8912
Project Health and Safety Officer, Clyde J. Snyder	(412) 921-8904

Note: Most phones require the number to be preceded by 991 (i.e., 991-812-854-0280) or simply by "99" (if 812 is left off) (i.e., 99-854-0280)

2.10 EMERGENCY ROUTE TO HOSPITAL

Directions to the Bloomington Hospital:

← MAP

Exit NSWC Crane on H-45 through the Bloomington gate. Follow Highway 45 North to Bloomington at Highway 45 and Highway 37. Continue going straight over the overpass (Bloomfield Road). Follow Bloomfield Road North; this road turns into 2nd Street. Follow 2nd Street, hospital will be on the right (601 West 2nd Street)

Directions to Bedford Regional Medical Center:

MAP → Page 2

Exit the base on H-58, through the Bedford Gate. Head West on State Highway 158. State Highway 158 becomes 16th Street upon entering the City of Bedford. The medical center is on the right shortly after Plaza Drive. (2900 16th Street)

SCIENTI

SIGNATURE			DATE
Terry Rojahn			3/23/04
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS	DATE

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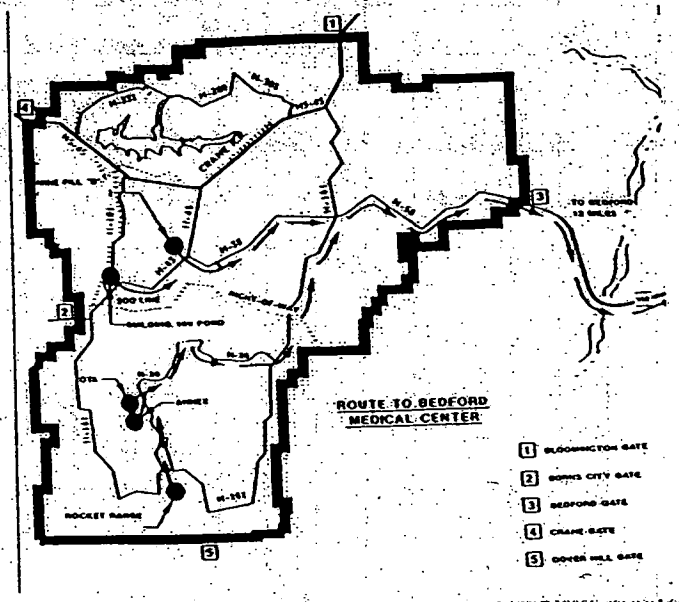
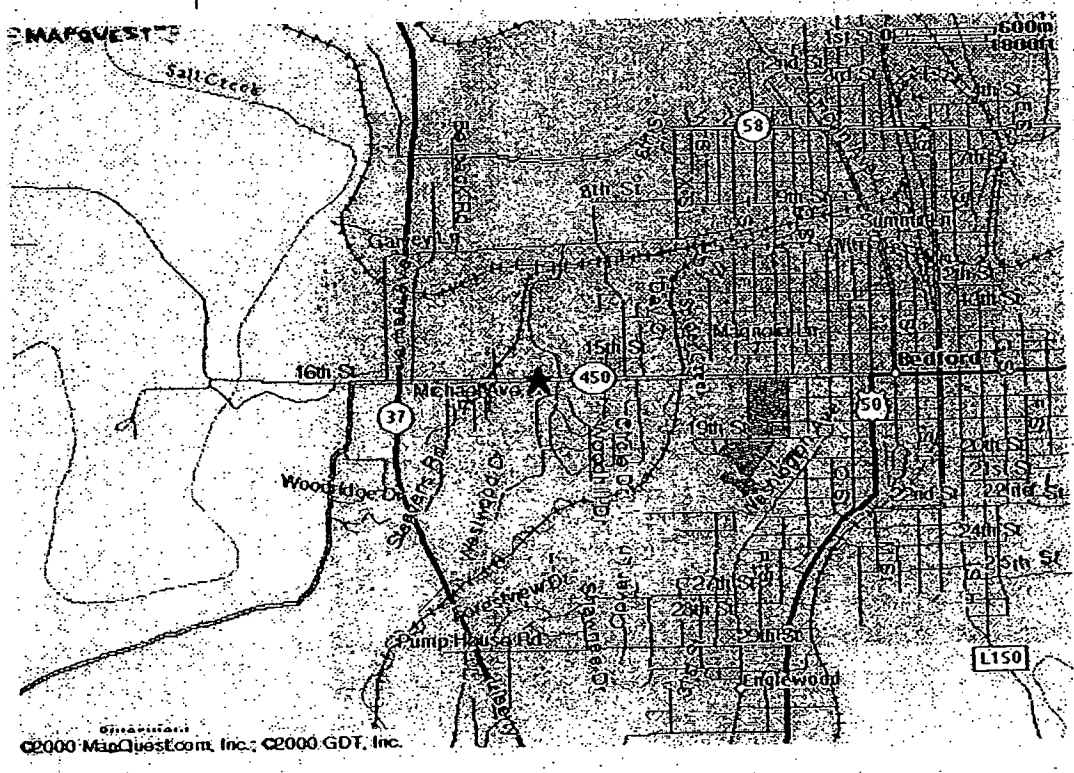
Hospital Route Map (Bedford Gate)

Note: The Bedford Gate is open only from 0600 - 0830 and 1500 - 1800 hours.





SCIENTIFIC BINDERY PRODUCTS., CHICAGO 60605 · MADE IN USA

TITLE NSWC CRANE

CREW
T. ROSAHN
J. Goerdt

PROJECT NO. N8383

BOOK NO. 1373

WED 3/31/04

Work continued from Page TRAVEL DAY

1345 - ARRIVE @ BLDG #3245 - CHECK IN W/ T. BRENT
1400 - CHECKED IN W/ DONNA Z. - ABG/OJT DIG PERMIT IS READY
NO UTILITIES IN THE AREA (EXCEPT FOR BREAK ROOM)
1420 - CHECK IN W/ ABG PERSONNEL - NO BURNING SCH. FOR 4/1
SHOWED J.G. THE OLD JEEP TRAIL
1500 - RETURN TO BLDG #3245 - ORGANIZE OFFICE, CHECK EQ, ETC.
1650 - LEFT BLDG #3245 FOR FIELD PURCHASING
1756 - FINISHED @ SAM'S CLUB - PICK UP SUPPLIES
1855 - FINISHED @ MENARDS - PURCHASE 3/4" PE FLEX TUBING

END

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605 MADE IN USA

Work continued to Page

SIGNATURE Terry Rosahn

DATE 3/31/04

DISCLOSED TO AND UNDERSTOOD BY | DATE | WITNESS | DATE

CLOW SEE PAGE 3

SUMMARY 4/1/04

WELL RECON - MORNING

WELL DEV. - AFTERNOON:

WELL ID*	START	END	Vol. REMOVED	COMMENTS
03-88*	1255	1315	16 gal	Excellent Recharge
HAS-5ft SUMP → 03-01	1410	1435	14 gal	" "
03-30	1500	1534	1 gal	Very slow Recharge if well has a sump water is probably just at the screen
03-33	1604	1637	2.6 gal	Very slow Recharge

* SEE WELL DEV SHEETS FOR MORE DETAILS

WELL INSPECTION DONE FOR ABOVE WELLS.

[signature] 4/1

SCIENTIFIC BINDERY PRODUCTS., CHICAGO 60605 MADE IN USA

TITLE NSWC CRANE

PROJECT NO. N8383

BOOK NO. 1373

THURS. 4/1/04

Work continued from Page Mostly Cloudy Temp 40's

0655 Hrs - ARRIVE @ BLDG #3245
Prep. to DEV. & INSPECT Existing Monitoring WELLS
Cal: METER, PREP. CHEMICALS, Etc.
0900 Hrs - ARRIVE ABG
1045 Hrs - EXIT ABG
1100 Hrs - ARRIVE BLDG #3245
CECK IN W/T. BRENT ON WELL RECON - REMOVE WELL/WELL EQ FROM WELLS
9 WELLS ARE ABANDONED
2 WELLS W/ IL MONITORING EQ 3 W/ WELL WIZARD EQ.
1125 Hrs - LEFT BLDG #3245 FOR LUNCH
1150 Hrs - RETURN to BLDG #3245
CHECK IN W/ R. BASINSKI - discuss WELL RECON & REVEGATION & RESTORATION
LEFT VOICE MES. FOR DAVID FULKERSON OF JACOBI for site RESTORATION ON 4/16 or 23.
1218 Hrs - LEFT BLDG #3245 FOR ABG
1235 Hrs - ARRIVE & SIGN IN @ ABG to DEV. KIT/S
DEV. & INSPECTED 03-38, 03-01, 03-30 & 03-33
SEE PAGE 4 & DEV. RECORDS FOR details
RECEIVED SAFETY AWARENESS BRIEFING PAPERWORK FROM ABG PERSONNEL
1650 Hrs - LEFT ABG
1715 Hrs - ARRIVE @ BLDG #3245
1730 Hrs - LEFT FOR LOWES

END

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605 MADE IN USA

Work continued to Page

SIGNATURE Ted Brent

DATE 4/1/04

DISCLOSED TO AND UNDERSTOOD BY | DATE | WITNESS | DATE

Crew See Page 3

SUMMARY APRIL 4/2/04

DEVELOPMENT

WELL ID*	Start	END	VOL. PURGED	COMMENTS
03-39	0908	0950	21 gal	Excellent Recharge
03C21	1045	1115	22 gal	Some Drawdown
03C14	1330	1418	16 gal	EXCELLENT RECHARGE
03C03P2	1457	1548	25 gal	GREEN Color, Ex. Recharge
03C05	1622	1701	~5 gal	DRIED out

* SEE WELL DEV. Sheets for more details

[illegible] 4/2

SCIENTIFIC BINDERY PRODUCTS., CHICAGO 50505 MADE IN USA

TITLE NSWC CRANE

PROJECT NO. N8383

BOOK NO. 1373

FRI. 4/2/04

Work continued from Page

WEATHER: Partly Cloudy TEMP 40s (AM) 50s (PM)

0658 Hrs - ARRIVE @ BLDG #3245
PREP FOR WELL DEV.
0845 Hrs - ARRIVE @ ABG
DEVELOPED 03-39 & 03C21
1135 Hrs - LEAVE ABG
DUMP PURGE WATER @ IND SEWER
1200 Hrs - LUNCH
1230 Hrs - ARRIVE @ BLDG #3245
PICK UP SUPPLIES CHECK IN W/ OFFICE
1325 Hrs - ARRIVE @ ABG
DEVELOPED 03C14, 03C03R2 & 03C05
1710 Hrs - LEFT ABG
1719 Hrs - DUMP PURGE WATER @ INDUSTRY SEWER
1730 Hrs - ARRIVE @ BLDG #3245
Drop off Meter & SOAK WHALER PUMPS
1745 Hrs - LEAVE BLDG #3245 FOR MOTEL

END

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605 MADE IN USA

Work continued to Page

SIGNATURE [signature] DATE 4/2/04

DISCLOSED TO AND UNDERSTOOD BY | DATE | WITNESS | DATE

Crew See Page 3

SUMMARY APRIL 4/3/04

DEVELOPMENT

WELL ID*	START	END	VOL. PURGED	COMMENTS
03C01P2	0850	0933	21 gal	Excellent Recharge
03C06	1021	1117	9	Dries out
03-31	1256	1331	~ 3.3	Dries out
03C13	1406	1429	17.5	Ex. Recharge
03C28	1500	1541	3	Dries out

* See well dev. sheets for more details

[signature] 4/3

SCIENTIFIC BINDERY PRODUCTS, CHICAGO 5N63 MADE IN USA

TITLE NSWC CRANE

PROJECT NO. N8383

BOOK NO. 1373

SAT 4/3/04

Work continued from Page WEATHER: Mostly sunny 40's AM & 50's PM

0630 Hrs - PURCHASE ½" tubing @ MENARDS & GET GAS

0730 Hrs - ARRIVE @ BLDG 3245

CAL INST., DECON WHALE PUMPS, ETC.

0815 Hrs - LEAVE BLDG # 3245 FOR ABG

0830 Hrs - ARRIVE @ ABG

DEV. 03C01P2 & 03C06

1130 Hrs - LEFT ABG - DUMP PURGE WATER IN IND. SEWER

1150 Hrs - LUNCH PICK UP @ SUBWAY

1200 Hrs - ARRIVE @ BLDG # 3245 - EAT LUNCH

1240 Hrs - RETURN to ABG

DEV. 03-31, 03C13 & 03C28

1555 Hrs - LEFT ABG

1610 Hrs - ARRIVE BLDG # 3245

DECON WHALE PUMPS

INVENTORY CONTAINERS FROM LAUCKS

SECURE METERS FOR THE EVENING

1705 Hrs - LEFT BLDG # 3245 FOR MENARDS

END

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605 MADE IN USA

Work continued to Page

SIGNATURE Terry Rose

DATE 4/3/04

DISCLOSED TO AND UNDERSTOOD BY | DATE | WITNESS | DATE

Crew SEE Page 3

SUMMARY APRIL 4/4/04 :

Development

WELL ID	START	END	VOL PURGED	COMMENTS
03-24	0915	0936	12 gal	Dye or Paint Present in Well? Orange Red & Yellowish Green Ex. Recharge
03-16	1241	1306	25 gal	Drawdown
03-21	1419	1430	20 gal	Drawdown
03-15	1614	1632	30 gal	Some Drawdown

See WELL DEV. Sheets for more details

Wells Sampled this date :

03-38 & 03-01 SEE Sample log sheets & Field Notebook # 2566 for more details

[signature] 4/4

SCIENTIFIC BINDERY PRODUCTS CHICAGO 25605 MADE IN USA

TITLE NSWC CRANE **PROJECT NO.** N8383 **BOOK NO.** 1373 **11**

SUN 4/4/04

Work continued from Page WEATHER Mostly SUNNY & 30's

0700Hrs - ARRIVE @ BLDG #3245
PREP. FOR WELL DEV & SAMPLING
0837Hrs - LEFT BLDG #3245
0855Hrs - ARRIVE @ ABG
DEVELOPE 03-24 - Possible paint or dye in well
H_2O start bright reddish orange to
bright yellow green
1015Hrs - Left ABG for SUBWAY
Pick up sandwich
1040Hrs - ARRIVE @ BLDG #3245
Drop off purge water - will check w/ T. Brent tomorrow
on disposal & for possible testing.
DECON M-SCOPE; PREP J.G. FOR Ground water sampling @ABG
TALKED W/ R. Basinski - discuss progress & WELL 09-24
1150Hrs - LEFT BLDG #3245
1205 Hrs - ARRIVE OJT to DEV. wells.
1325Hrs - FINISH DEV. @ 03-16
1342Hrs - DUMP PURGE H_2O
1354Hrs - RETURN to ABG/OJT
1442Hrs - FINISH @ 03-21 (WELL DEV.)
1450Hrs - CHECK on J.G.
1510Hrs - ARRIVE @ BLDG #3245 to DECON WHALE PUMPS
1600Hrs - RETURN to OJT
1700Hrs - DEV. FINISH @ 03-15
1705Hrs - LEFT OJT
1725Hrs - ARRIVE @ BLDG #3245
1800Hrs - LEFT BLDG #3245 FOR Motel

END

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605 MADE IN USA

Work continued to Page

SIGNATURE [signature] DATE 4/4/04

DISCLOSED TO AND UNDERSTOOD BY DATE WITNESS DATE

Crew see Page 3

Summary 4/5/04

DEVELOPMENT

WELL ID	START	END	VOL. PURGED	COMMENTS
03-12	0942	0952	15 gal	Some Drawdown
03-07	1112	1134	25	Dried out
03-09	1446	1504	8.5	Dried out

see Well Dev. Sheets for more details

WELLS PURGED this Date:

03-33 & 03C0182 — see sample log sheets and Field Notebook #2566 for more details. Well sampling was interrupted by Burning operations @ ABC.

[signature] 4/5

SCIENTIFIC BINDERY PRODUCTS, CHICAGO 60605 MADE IN USA

TITLE NSWC CRANE

PROJECT NO. N8383

BOOK NO. 1373

MON 4/5/04

Work continued from Page

WEATHER Mostly Sunny AM 40's & PM 50's

0655 Hrs - ARRIVE @ BLDG #3245

CHECK IN W/ T. BRENT ABOUT 03-24 - CONCLUSION possible dye trace study - Mr BRENT WILL CHECK INTO IT.

CHECK IN W/ R. BASINSKI - discussed the above, AN RDX analysis (NONE FOR AQ.); NO additional perchlorate SAMPLES NEED W/ AQ. EVEN IF 0309 & 03011 ARE NOT SAMPLED.

DECON WHALE PUMPS & bladder pumps

PAPERWORK

0852 Hrs - LEAVE BLDG #3245

0915 Hrs - CHECK IN W/ BLDG #ABG BREAK ROOM

0920 Hrs - ARRIVE @ 03-07 W/ CARRY EQ to 03-12 & DEV.

1012 Hrs - FINISH DEVELOPMENT @ 03-12

1032 Hrs - DUMP PURGE H_2O in sanitary sewer

1046 HRS - ARRIVE @ 03-07

DEV. 03-07

1200 Hrs - LEFT ABG/OJT FOR LUNCH

1210 Hrs - ARRIVE @ CAF.

1245 Hrs - DUMP PURGE WATER @ SANITARY SEWER #327

1300 Hrs - ARRIVE @ BLDG #3245

CHECK IN W/ T. BRENT - OK to PULL CABLE @ 03-09

Tom BRENT also checked PURGE WATER FROM 03-24

PREP. VEHICAL to WATTERIA 03-09

1425 Hrs - ARRIVE @ ABG / 03-09 - DEVELOPED 03-09

1532 Hrs - LEFT ABG - Prior to BURNING OPERATIONS START @ 1545 Hrs

1545 Hrs - DUMP PURGE H_2O @ SANITARY SEWER #327

1558 Hrs - Arrive @ BLDG #3245

CHECK IN with T. Brent - Put Cable from 03-09 in garage

PREP. SAMPLES FOR SHIPPING

DECON PUMPS - Bladder & WHALE

1715 Hrs - DEPART BLDG #3245

1745 Hrs - Drop off SAMPLES on COC #3609 FOR CALLES via FED EX AB# 8412 2491 0960

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605 MADE IN USA

Work continued to Page

SIGNATURE [signature]

DATE 4/5/04

DISCLOSED TO AND UNDERSTOOD BY | DATE | WITNESS | DATE

cont see page 3

Summary 4/6/04

Sample ID	Start Purge	End Purge	Vol. Purged	Sample Time	Comments
03GWC0601	0945	1210	14.5 L	1215	
03GW3101	1424	1559	7.5 L	—	will sample 4/7

Additional wells sampled by J.G.:
03C01P2, 03-33 & 03C21 See sample log sheets & Field Notebook #2566 for more details.

[signature] 4/6

SCIENTIFIC BINDERY PRODUCTS.. CHICAGO 50605 MADE IN USA

TUES 4/6/04

Work continued from Page WEATHER: Mostly Sunny & 30's AM, 50's PM

0655 Hrs - ARRIVE @ BLDG #3245
PREP. to sample Groundwater; Called IN Oxygen for SM. Nitrogen Gas
FAX COC #3609 to Laucks (Anh Ho) & E. SEDLMYER (TT)

0855 Hrs - CHECK IN @ ABG - will be burning this afternoon

0905 Hrs - CHECK IN (TT) @ w/ J.G.

0910 Hrs - Arrive @ Monitoring well 03C06 Start Purge @ 0945 Hrs

1215 Hrs - Begin sampling @ 03C06 (03GW00601)

1310 Hrs - Finish @ 03C06

1315 Hrs - CHECK IN W/ ABG
to start up burning operations cannot drive to
03-31 will have to park @ 03-33 & carry 60
to 03-31 (due to burning near access road)

1424 Hrs - Start purge @ 03-31

1559 Hrs - END purge @ 03-31 - well dry to pump intake w/
sample 4/7; Also down wind of burning cage.

1638 Hrs - J.G & TA left ABG

1653 Hrs - Arrive @ BLDG #3245
Prep. samples for shipment to Laucks VIA
AB # 8412 2491 0949 on COC # 3610

1740 Hrs - Leave BLDG #3245 for Lowes & FED EX.

1825 Hrs - Drop off samples @ FED EX

1849 Hrs - Purchase supplies at Lowes

END

Work continued to Page

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605 MADE IN USA

SIGNATURE Terry Rogers

DATE 4/6/04

DISCLOSED TO AND UNDERSTOOD BY

DATE

WITNESS

DATE

CLEAN SEC PAGE 3

SUMMARY 4/7/04

SAMPLE ID	START PURGE	END PURGE	VOL PURGED	SAMPLE TIME	COMMENTS
036W3101	4/6	4/6	7.5L	1000	PURGED ON 4/6/04
036W01401	1300	1420	21.6L	1425	—

Additional wells sampled by J.G.:
036W10901 & 036W03P201 SEE SAMPLE LOG SHEETS & FIELD NOTEBOOK #2566 FOR additional information

[signature] 4/7

SCIENTIFIC BINDERY PRODUCTS CHICAGO 62605 MADE IN USA

TITLE NSWC CRANE

PROJECT NO. N8383

BOOK NO. 1373

WED 4/07/04

Work continued from Page

WEATHER: Mostly Cloudy TEMP @ 50°s AM & 70°s PM

0655 Hrs - ARRIVE @ BLDG #3245
PREP FOR GROUNDWATER SAMPLING & PUMP RETRIVAL
FAX SHIPMENT INFO & COC 3610 to LAUCKS (ANN HO) & TANUS (E. SEDLMYER
SAMPLE PURGE WATER FROM 03-24 FOR T. BRANT FOR DYE ANALYSIS

0853 Hrs - ARRIVE @ ABG BREAK ROOM - CHECK IN W/ J.G.
BURNING OPERATIONS ARE ON IN THE AREA OF 03C13 & 03-39
CANNOT APPROACH TODAY - CANNOT RETRIVE PUMP IN 03C13 UNTIL TOMORROW

0915 Hrs - RETURN to BLDG #3245
PICK UP GROUNDWATER EQ. drop off PUMP RETRIVAL EQ.

0945 Hrs - RETURN to ABG - check in w/ PERSONNEL

0955 Hrs - ARRIVE @ 03-31 to SAMPLE (PURGED 4/6/04)

1045 Hrs - FINISH @ 03-31 started collecting sample @ 1068 Hrs

1055 Hrs - CHECK IN W/ JG

1100 Hrs - ARRIVE @ 03C14 - SET PUMP IN WELL & SECURE WELL

1131 Hrs - CHECK on J.G. @ 03-09 - HELP JG CLEANUP & PULL PUMP

1155 Hrs - LUNCH

1241 Hrs - ARRIVE @ 03C14 to PURGE & SAMPLE

1425 Hrs - START SAMPLING @ 03C14

1520 Hrs - FINISH & CLEAN UP @ 03C14
ASSIST J.G. to SECURE EQ. during BURNING operations NEAR @ 03C03P2

1546 Hrs - SIGN out @ ABG - J.G. to stay and finish sampling @ 03C03P2 when small burn goes out.

1603 Hrs - ARRIVE @ BLDG #3245 - Unload VEHICLE
- PREP to collect BLADDER PUMP RINSATE R8040T0401 @ 1700 hrs
- PREP. to LEAVE BLDG #3245
- CHECK IN W/ RALPH BASINGER

1802 Hrs - LEFT BLDG #3245 FOR MOTEL

END

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605 MADE IN USA

Work continued to Page

SIGNATURE

DATE 4/7/04

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CLSW See Page 3

SAMPLE SUMMARY 4/8/04:

SAMPLE ID	Start Purge	END PURGE	VOL PURGED	SAMPLE TIME	COMMENT
03GW2101	1519	1609	8L	1613	TL(Purged) JG(SAMPLED)
03GW2402	1020	1220	156L	1225	

Additional WELLS sampled by J.G.:
03GWC2901, 03GWC0501, & 03GW1601 See Field Logbook #2566 & Sample Log Sheets for additional sample information.

[signature] 4/8

SCIENTIFIC BINDERY PRODUCTS, CHICAGO, 52609 MADE IN USA

THURSDAY 4/8/04

Work continued from Page Weather mostly sunny temp 70's (High)

0700 Hrs - ARRIVE @ BLDG #3245
- Check in w/ Ralph Basinski - who asked for a break down of wells sampled, problem wells & wells to be sampled and faxed same
- Paperwork, pump decon, prep for groundwater sampling, etc.

0844 Hrs - ARRIVE @ ABG check in w/ Personnel OK the to proceed to 03C13 but not 03-39 due to buring - tried to free pump in well 03C13 moved it 1.5' and stopped - don't want to pound on it to much it may balloon out - will have DPT operator next shift push it with hydraliks

0915 Hrs - Check out of ABG - will work @ OJT remainder of day

0930 Hrs - Carry Eq. to 03-24 (in woods)

1020 Hrs - Start purging @ 03-24

1300 Hrs - Finish @ 03-24 - Carry EQ. to vehical

1338 Hrs - Left OJT for subway

1408 Hrs - ARRIVE @ BLDG #3245
Lunch, decon bladder pump for J.G.; prep. vehical to sample well w/ peristaltic

1500 Hrs - ARRIVE @ ~~out~~ OJT set up @ 03-16

1550 Hrs - J.G. took over purge @ 03-16 so that I could return to BLDG #3245 to start packaging samples for shipment

1558 Hrs - Left OJT

1615 Hrs - ARRIVE @ BLDG #3245
- Paperwork
- Package samples on COFC #3611

1749 Hrs - Leave BLDG #3245 for FED EX

1821 Hrs - Drop of samples on COFC #3611 @ FED EX.
Samples ~~are~~ were sent via FED EX AB#
8412 2491 0938

END

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605 MADE IN USA

Work continued to Page

SIGNATURE [signature] DATE 4/8/04

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SCIENTIFIC BINDERY PRODUCTS., CHICAGO 60605 MADE IN USA

TITLE NSWC CRANE

CREW
J. Goerdt
T. Rojahn

PROJECT NO. N8383

BOOK NO. 1373

FRI 4/9/04

Work continued from Page

Weather - Sunny & 60's

0710 Hrs - Arrive @ BLDG #3245
- Prep. samples for shipping on COC #3612
- Prep. faxes to Laucks & Pat. office for samples ship 4/8/04 and samples shipped this date.
- Prep. sampling eq. to be shipped to U.S. Environmental
- Clean bathroom hallways Lab. & office
- Prep. for staking out some boring location

1000 Hrs - Pick up Dig Permit @ Public Works for ABG & OJT

1018 Hrs - Arrive @ ABG - Lay out sampling locations 035B 053, 066 → 068, 101-104, 106 & 076 → 078

1113 Hrs - Return to BLDG #3245
- Prep. to leave - Check in w/ T. Brent
- Check in w/ Ann Ho of Laucks regarding Saturday delivery

1200 Hrs - Leave NSWC Crane BLDG #3245

1235 Hrs - Arrive @ Fed. Ex. drop off samples on AB# 8412249109 2: & Rental Eq. on AB# 8412249108 57

1349 Hrs - Arrive @ Avis

1355 Hrs - Arrive Indy Airport - Remainder of day Travel

END

Work continued to Page

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605 MADE IN USA

SIGNATURE Ted Goerdt

DATE 4/9/04

DISCLOSED TO AND UNDERSTOOD BY

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SCIENTIFIC BINDERY PRODUCTS . CHICAGO 60605 . MADE IN USA

THURS. 4-15-04

Work continued from Page

1330 Hrs - Arrive @ BLDG #3245
- Check in w/ T. Brent
- Checked Messages - Bobby Halliday called of Jacobi sodding - he needs assistance locating several areas for restoration (

1400 Hrs - Meet with B. Halliday - oversight sodding

1530 Hrs - Return to BLDG #3245 - HES Site Specific Training w/ Stan Conti, Wes Rogers & Josh Dutton (EFS)

1600 Hrs - Left BLDG #3245 for ABG
- Check in w/ ABG Personnel ok to Access ABG
- Lay out Soil Boring Locations 105, 60, 63, 65, 110, 80 & 82

1730 Hrs - Left ABG for BLDG #3245

1745 Hrs - Arrive @ BLDG #3245
Secure BLDG

1800 Hrs - Left for Hotel

END

SIGNATURE

DATE 4/15/04

DISCLOSED TO AND UNDERSTOOD BY

DATE

WITNESS

DATE

Crew: W. Rogers
S. Conti
T. Rosahn
J. Dutton

Summary 4-16-04

SAMPLE SUMMARY: Borings 03SB053, 105, 57, 60, 66, 67 & 68. SEE NOTEBOOK # 2567 FOR DETAILS.
Installed: 03MW01

Locate 28 Soil Borings

SEE NB # 2567 for detailed soil sampling info.

T. Rosahn 4/16

SCIENTIFIC BINDERY PRODUCTS., CHICAGO 60605 MADE IN USA

FRI. 4-16-04

Work continued from Page

WEATHER: Mostly sunny High 70s

0640 Hrs - Arrive @ site
Oversight Restoration & Inspect same (SEE LB 1363)

0945 Hrs - Prep. to Layout soil boring

1005 Hrs - Arrive @ ABG
Check in w/ DPT crew - S. Conti, W. Rogers & J. Dutton.
Layout soil boring locations - 0358054 - 059 & 061, 062 & 064

1130 Hrs - Lunch

1200 Hrs - Arrive @ BLDG # 3245 - Secure morning samples in Frig.

1230 Hrs - Continue layout of Soil Borings 0358079, 81, 111, 112
0358069 - 075, 107-109, 88, 114, 116, 85 & 86

1530 Hrs - Check in w/ DPT crew - Pick up Sample Log Sheets

1550 Hrs - Arrive @ BLDG # 3245
Paperwork
Package samples on CoCs # 3614 & 3615

1730 Hrs - Leave BLDG # 3245 for FED. EX.

1900 Hrs - Drop off samples @ FED EX on AB # 8412 2491 0880

END

Work continued to Page

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605 MADE IN USA

SIGNATURE [signature]
DATE 4-16-04
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Crew:

W. Rogers
S. Conti
T. Rosaun
C. Mason

Summary 4-17-04:

- S. Conti gave C. Mason H&S Site Specific Training
- Locate 23 soil borings
- Soil Borings sampled - 03SB090, 081, 064, 111, 079, 063, 106, 065 & 110
- Ground water sample collected @ 03TW01
- Installed 03TW02
- See NB #2567 for Detailed soil sampling info.

[signature] 4/17

SCIENTIFIC BINDERY PRODUCTS., CHICAGO 60605 MADE IN USA

SAT 4/17/04

Work continued from Page

WEATHER - mostly sunny & warm TEMP 80's

0700 Hrs - Arrive @ BLDG #3245
Prep. for Groundwater Sampling - Cal. meters
AND Soil Boring locations
0830 Hrs - LEFT BLDG #3245 FOR ABG
0848 Hrs - Arrive @ ABG
• Mark (Paint) 85 & 86
• Locate Following Soil Borings: 03SB083, 084, 089, 090,
03SB113, 115, 117, 118, 91-99, 87, 119-121
1200 Hrs - LUNCH BLDG #3245
1230 Hrs - REFRIGERATE Soil Samples (FREEZER ENCORES)
PREP VEHICEL FOR GW Sampling
1311 Hrs - LEAVE BLDG #3245
1328 Hrs - ARRIVE @ ABG - 03TW01
Start PURGING @ 1340 Hrs VOL. PURGED = 9 L
END PURGING @ 1510 Hrs SAMPLE TIME = 1512 Hrs
1610 Hrs - Finish clean up @ 03TW01
1626 Hrs - ARRIVE @ BLDG #3245
PAPERWORK
RINSATES:
RB04170401 @ 1640 DPT SLEEVE
RB04170402 @ 1650 Disposable Trowel
NEAL DI H_2O Exp. 7/04 Lot# 0807253
1750 Hrs - LEFT BLDG #3245 For Motel

END

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605 MADE IN USA

Work continued to Page

SIGNATURE
DATE 4-17-04
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WITNESS
DATE

CREW: DPT - W. Rogers, S. Cont. & C. Mason

Sampling Summary 4/18/04:

- Soil Borings completed - 0358682-090 & 119
- Sampled wells: 03-12 & 03-15
- Installed 03TW03
- SEE NB #2567 FOR DETAILED SOIL SAMPLING INFO.

[signature] 4/18

SCIENTIFIC BINDERY PRODUCTS., CHICAGO 60605 MADE IN USA

SUN 4-18-04

Work continued from Page Weather: Mostly Sunny Temp 80's

0700 Hrs - Arrive @ BLDG # 3245
- Cal. Meters
- Organize office & Restock containers from Garage

0810 Hrs - Leave BLDG # 3245 for ABG/OJT

0825 Hrs - Arrive @ ABG - check in w/ DPT crew

0840 Hrs - Arrive @ 03-12 - Sample ID 03GW1202
Start Purge - 0905 Hrs Vol Purged = 8.3 L
End Purge - 1025 Hrs Start Sampling = 1030 Hrs

1108 Hrs - Finish clean up @ 03-12

1110 Hrs - Check in DPT crew

1135 Hrs - Arrive @ BLDG # 3245
- Do Soil Analysis tracking for Dups & MS/MSDs
- Restock Supplies
- Eat lunch

1232 Hrs - Left BLDG # 3245

1249 Hrs - Arrive @ OJT = 03-15 (Collected MS/MSD
Start Purge = 1305 Vol Purged = 9.3 L
End Purge = 1435 Sample Time = 1440 Hrs

1621 Hrs - Finish clean up @ 03-15

1625 Hrs - Check in w/ DPT crew

1650 Hrs - Arrive @ BLDG # 3245
Secure samples
Clean up Pickup

1730 Hrs - Left Crane

END

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605 MADE IN USA

Work continued to Page

SIGNATURE [signature] DATE 4-18-04

DISCLOSED TO AND UNDERSTOOD BY DATE WITNESS DATE

Crews - DPT: W. Rogers, S. Conti & J. Duthie
and T. Rojohn

SAMPLE SUMMARY FOR 4/19:

Soil Borings sampled: 03SB69-73, 92, 93, 95, 96, 98 & 118
Sampled Temp Wells: 03TW06 & 03TW03

[signature] 4/19/04

SCIENTIFIC BINDERY PRODUCTS., CHICAGO 60605 MADE IN USA

MON 4-19-04

Work continued from Page

WEATHER - Mostly Cloudy & 70°S

0704 Hrs - ARRIVE @ BLDG #3245
PREP to SAMPLE GW, Cali. METERS
CHECK IN W/ OFFICE (T. JOHNSTON)
0905 Hrs - ARRIVE @ ABG & CHECK IN
0910 Hrs - ARRIVE @ 03TW03
Start Purge = 0920 Vol. Purged = ~~0945~~ 25L
END Purge = 0930 Sample Time = 0945
1040 Hrs - ARRIVE @ 03TW02
Start Purge = 1050 Vol. Purged = 10.5L
END Purge = 1200 Sample Time = 1205
1235 Hrs - CHECK out of ABG
1255 Hrs - ARRIVE @ BLDG #3245
- PAPER WORK
- PREP. Samples FOR SHIPPING ON COCs 3616-3625
- CHECK IN W/ T. JOHNSTON
Discuss soil borings on ABG southern / North facing Slope
- Move SB54 North of gravel ROAD
- Move SB58 East of Historic boring 03/10-X01
- Move SB113 into AREA of munitions debris
- Sample shelby tubes @ AreAs A, E, F & NE corner of H.

1740 Hrs - LEFT BLDG #3245 FOR FED EX
1820 Hrs - Drop OFF samples on FED EX AB# 8412 2491 0097
1835 Hrs - Drop OFF S.C. & W.R @ Hotel
1840 Hrs - Go pick up supplies @ Home depot (Tags), Lowes (RACK & contractor grass seed), Sam's Club (H&S WATER & Zip Lock bags.
2000 Hrs - RETURN to Hotel

END

SIGNATURE DATE 4/19/04
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CREW & SAME AS ON P. 30

SAMPLE SUMMARY FOR 4/20:

- Collected soil samples @ 7 boring 035B 76-78 & 035B 101-105

[illegible] 4/20

SCIENTIFIC BINDERY PRODUCTS.. CHICAGO 60605 MADE IN USA

TITLE NSWC CRANE

PROJECT NO. N8383

BOOK NO. 1373

TUES 4-20-04

Work continued from Page

WEATHER: Mostly Cloudy Temp 70's

0710 Hrs - Arrive @ BLDG #3245 - Stopped for gas
- FAX COCs to OFFICE (E. SEDEMYER) & LAUCKS (ANN HO)
- Called into OFFICE left message w/ T. JOHNSTON
- Check over INVOICES SENT by R. BASINSKI - some SUPPLIES can be returned if OKed by vendor one INVOICE NOT CRANE'S (#8)
- RECEIVED ABOVE INVOICES only yesterday
- TRACK soil samples collected for DUPS & MS/MSDs
- PREP to collect RINSATES & SOURCE WATER
- SPOKE W/ T. JOHNSTON - Progress, invoices, surveyors, etc.

1015 Hrs - Arrive @ ABG
- Grab cleaned cutting shoe from J. Dutton & dedicated MACRO core SLEEVE

1035 Hrs - Sample DPT Source Water - Geoprobe tank SB0420040 1

1050 Hrs - Lay out DPT location @ the OST

1140 Hrs - Lunch

1210 Hrs - Return to BLDG #3245

1235 Hrs - Grab Source BLANK of DI SB0420040 2 — NOTE DI H2O Exp 8/04 Lot #08[illegible]3

1330 Hrs - Grab DPT SLEEVE RINSATE RB 04200401

1345 Hrs - Grab DPT Cutting Shoe Rinsate RB04200402

1430 Hrs - Grab Peristaltic Tubing Rinsate RB04200403
- Processing samples, PAPERWORK & SHIPMENT PREP.
- Talked to R. BASINSKI
- Check on delivery - OK SAYS GO FEDEX #

1730 Hrs - LEFT BLDG #3245

1800 Hrs - Drop off samples @ FED. EX on AB # 8412 2491 0868
Samples were on COCs 3626-3629

END

Work continued to Page

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605 MADE IN USA

SIGNATURE

DATE 4/20/04

DISCLOSED TO AND UNDERSTOOD BY

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CREW SAME AS ON PAGE 30

SAMPLING SUMMARY FOR 4/21:

- Collected soil samples @ 10 boring location: 03SB094, 97, 99, 104, 115-117 & 119-121.
- Collect temp well samples @ 03TW09 & 05.

[signature] 4/21

WED 4-21-04

Work continued from Page

WEATHER: Mostly Cloudy & Periods of Rain w/ Temp 70's

0704 Hrs - Get new pass @ MAIN GATE
0710 Hrs - Arrive @ BLDG #3245 - Fax CoCs to OFFICE & LAB
- Discuss problem borings w/ crew -
- Cannot access 03SB55, 58, 61, 62, 112 & 113; Also 91 problem w/ possible UXO
- Moved 03SB58 near access Road (T. Johnston request)
- Move 112 or 113 near DEBRIS FOUND w/in Former Ash Pile
- May move ~~03SB CROSS~~ (TD) 03SB061 across the stream
0800 Hrs - Left BLDG w/ T. Brent to check restoration of Utility Right of way @ SWMU13 - one sm. area to restore access near 13MWT16
0910 Hrs - Return to BLDG #3245
- Cali. Meters & Prep for GW Sampling @SWMU13&K
- Talk w/ K. Basinski - discuss restoration & shifting of Borings @ SWMU 3 (ABG)
1035 Hrs - Arrive @ ABG and check in
1040 Hrs - Arrive @ 03TW05
START PURGE = 1057 VOL. PURGED = 16.4 L
END PURGE = 1217 SAMPLE TIME = 1220
1435 Hrs - Collect sample @ 03TW04 in sink hole w/ Ammo Boxes, etc.
1503 Hrs - Check out of ABG
1520 Hrs - Return to BLDG #3245
- Prep. samples & Paperwork for shipment via FED. EX AB# 8412 2491 1783.
- Samples on CoCs 3630, 3631, 3633 & 3634
1750 Hrs - Left BLDG #3245 for FED EX.
1820 Hrs - Drop of samples @ FED EX.

END

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605 MADE IN USA

Work continued to Page

SIGNATURE Terry Brent
DATE 4-21-05
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CREW SAME AS ON Page 30.

SAMPLE SUMMARY THURS. 4/22/04:

- Samples collected @ 10 Soil borings: 03SB054, 056, 058, 059, 061, 074, 075 and 102-109
- Collected two Nonsafe blanks for DPT work.
- Collected GW sample @ Monitoring Well 03-39

THURS. 4/22/04

Work continued from Page WEATHER: Mostly Cloudy Periods of Rain

0704 Hrs - ARRIVE @ BLDG #3245
- FAX COFCS to OFFICE & LAUCKS
- CALI METERS & PREP FOR GW Sampling

0907 Hrs - ARRIVE @ ABG - OK to SAMPLE 03-39
START PURGE = 0947 VOL PURGE = 16L
END PURGE = 1107 SAMPLE TIME = 1110

1218 Hrs - CHECK OUT OF ABG

1243 Hrs - RETURN to BLDG #3245 - Stop for sandwich & subway LUNCH

Process PAPERWORK FOR Rinsate Blanks

1430 Hrs - Rinsate RB04220401 of DPT SLEEVE } USED Reagent Grade DI Water EXP. 8/04 Lot#080T253

1450 Hrs - Rinsate RB04220402 DPT mixing containers }

Continue to process PAPERWORK

TALK w/ R. Basinski regarding tubing invoice (Possibly return 1 REEL ~ 500')

PREP. SAMPLES FOR SHIPING ON COFCS 3635-3637 & 3639

1730 Hrs - LEAVE BLDG #3245 FOR FED. EX.

1805 Hrs - Drop off SAMPLES ON AB# 8412 2491 1794

END

SIGNATURE [signature] DATE 4-22-04

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Crews - Same as on Page 30
& Surveyors Corey Allen & Gary Lloyd of BTC

Summary of Sampling Work on 4/23:

- ABG/OJT survey boring locations - BTC
- Navigation/Mobilization @ ABG & MGBG
- Collect samples @ 7 borings:
  035B49-052, 091, 112 & 113
- Ship samples on Coc's 3640 & 3641 via FED EX #8744 9412 2491 1809 for sat. delivery.

NSWC Crane, IN

Surveyors Daily Sign-In

+1.0 hour Travel Per Day

DATE	NAME (print)	TIME IN	TIME OUT	TOTAL HOURS *	SITE/S WORKED ON
4/23/04	Corey Allen	7:30	3:30	9.0	
4/23/04	GARY L. LLOYD	7:30	3:30	9.0	

** Include total daily hours to be charged (travel, time on site, etc.)*

Sites = SWMU 03 – ABG/OJT

SCIENTIFIC BINDERY PRODUCTS., CHICAGO 60605 MADE IN USA

FRI 4/23/04

Work continued from Page Weather mostly Cloudy @ 60's F

0700 Hrs - Arrive @ BLDG #3245
- Fax COCs to office & LAB
- Keep to decontaminate MGBG

0745 Hrs - Discuss survey @ ABG w/ Cory Allen & Gary Wood of BT&R

0810 Hrs - Arrive @ ABG
- Show surveyors ABG & JSEP Trail also show C. Allen (3) monuments @ the ABG
- Relocated 0358112 & 113

0903 Hrs - Leave ABG

0918 Hrs - Arrive @ MGBG
Start site restoration

1200 Hrs - Lunch

1230 Hrs - Arrive @ BLDG. #3245
Obtain more straw

1310 Hrs - Return to MGBG
Finish site restoration

1545 Hrs - Leave MGBG

1600 Hrs - Arrive ABG
Perform site restoration @ 0358090

1645 Hrs - Leave ABG for BLDG #3245

1700 Hrs - Arrive BLDG #3245
Prep paperwork for samples on COCs 3640 & 3641

1735 Hrs - Leave BLDG #3245 for FED EX

1900 Hrs - Drop off samples @ FED EX on AB # 8412 2491 1809

END

SIGNATURE [signature] DATE 4/23/04

DISCLOSED TO AND UNDERSTOOD BY DATE WITNESS DATE

DPT - GWI

Crew: S. Conti, Terry Rogers
W. Rogers
J. Dutton

Summary of work 4/29/04:

- Collected Shelby tubes for physical analyses @ ABG
- Collected Aqueous samples @ 03-07, 03-WL06 and Spring A' (all @ OST)

Notes:

- Finished DPT work this date - GFS demobilized after 8.5 day of soil sampling.
- Finished Reconnaissance @ SWMU 13 - these areas ID by T. Brent (sm. area west of 13MWT16 on Utility corridor) and C. Fassman (small area around MWT33).
- Initiated synoptic water level meas. @ ABG watershed (excludes ABG, OST & DBG).

T. Rogers 4/29/04

SCIENTIFIC BINDERY PRODUCTS., CHICAGO 60605 MADE IN USA

SAT 4/24/04

Work continued from Page

WEATHER: Mostly Cloudy Temp 60°s

0705 Hrs - Arrive @ BLDG #3245
- Discuss Synoptic water levels w/ S. Conti gave him watershed map & Wk. Table + backup incase he & Wk. can take water levels this Date
- Prep. f. REVegetate @ SWMU 13

0735 Hrs - Left BLDG #3245 for SWMU 13
- Restored sm. area @ 13MWT 33 as per inspec. w/C Freem.
- " AREA along utility right of way west of 13MWT 16 - as per inspection w/T. Brent

0900 Hrs - Return to BLDG #3245 unload vehicle w/ Recep. Eq.

0920 Hrs - Start prep for GW Sampling
- Load Vehicle
- Cali. Meter
- Put together bottle sets

1000 Hrs - Pick up sandwich @ Subway

1035 Hrs - Arrive @ the ABG set up @ 03TW06
Start Purge = 1100 Vol. Purged = 8L to dry
End Purge = 1140 Sample Time = 1240 after 1hr Rec.
Dry out = 3 times during sampling

1220 Hrs - Sampled Spring A' = while 03TW06 is recharging
@ ~~03SW~~ 03SRAp 01 (Sample ID)

1350 Hrs - Start set up @ 03-07
Start Purge = 1410 Vol Purged = 12L
End Purge = 1550 Sample Time = 1553

1730 Hrs - Start synoptic water levels for ABG watershed @ OUT
S. Conti & W. Rogers started earlier @ ABG

1815 Hrs - End synoptic water level meas. for this date

1930 Hrs - Arrive @ BLDG #3245
Refrigerate Aqueous samples
Unload Pick up truck & Prep. to leave

1900 Hrs - Left BLDG #3245 for Hotel.

END

Work continued to Page

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605 MADE IN USA

SIGNATURE Terry Rogers DATE 4/24/04

DISCLOSED TO AND UNDERSTOOD BY | DATE | WITNESS | DATE

CREW: S. Conti & T. Kojahri

Summary of work 4/25/04

- Complete synoptic water levels @ ABG watershed
- Complete monitoring well inspections.

T. Kojahri 4/25

SCIENTIFIC BINDERY PRODUCTS., CHICAGO 60605 MADE IN USA

SUN 4/25/04

Work continued from Page

WEATHER: Mostly Cloudy & 60°s

0705 Hrs - Arrive @ NSWC CRANE BLDG #3245
Prep. for synopic water levels
Collected water levels all morning stopped
~30 min for subway sub

1810 Hrs - Finish collecting water levels @ ABG watershed

1814 Hrs - Start Monitoring wells inspection
Inspect. the following & 03C05, 03-31, 03C06
03C14, 03C21 & 03C03A2

1850 Hrs - Finish well inspections

1910 Hrs - Return to BLDG #3245
Unload vehicals @ clean out inside & truck bed

1940 Hrs - Left BLDG #3245

2005 Hrs - Arrive @ Car Wash in Bloomington

2030 Hrs - Wash Truck @ manual car-wash ($3.75)

END

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605 MADE IN USA

Work continued to Page

SIGNATURE Taylor
DATE 4/25/04

DISCLOSED TO AND UNDERSTOOD BY | DATE | WITNESS | DATE

VOID THIS PAGE

SCIENTIFIC BINDERY PRODUCTS., CHICAGO 60605 MADE IN USA

Mon 4/26/04

Work continued from Page

0705 Hrs - Arrive @ NSWC CRANE
CLEAN (TO) OFFICE SPACE
PREP. SAMPLES AND EQ FOR SHIPMENT AS FOLLOWS:

- Ground water samples on CoC 3649 was prepared for shipment via AB# 8412 2491 1912 to Laucks Lab
- SHELBY tubes for physical soil analysis were on CoC # 3722 & PREP. for shipment via AB# 8412 2491 1923 to STL LAB
- US Environment rental equipment and unused supplies for the bladder pumps (1/4" twin bonded teflon tubing, teflon bladders & bab plate) were returned for credit on AB # 8412 2491 1901
- Paperwork, office eq., reference materials etc. shipped to office on AB # 8412 2491 1897

1040 Hrs - Leave Bldg # 3245 for FED EX
1110 Hrs - Drop off shipments (see above list) @ FED-EX
1155 Hrs - Drop off pick up truck rental @ Enterprise in Martinsville IN. - driving to Airport in S. Cont.
1300 Hrs - Arrive Indianapolis Airport for flight to Pittsburgh - Travel remainder of the day

END

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605 MADE IN USA

Work continued to Page

SIGNATURE
DATE 4/26/04
DISCLOSED TO AND UNDERSTOOD BY | DATE | WITNESS | DATE

APPENDIX F

CONCENTRATIONS VERSES TIME PLOTS FOR RDX AND TCE IN GROUNDWATER WELLS AND SPRINGS

MAIN TREATMENT AREA — RDX

FIGURE F-1

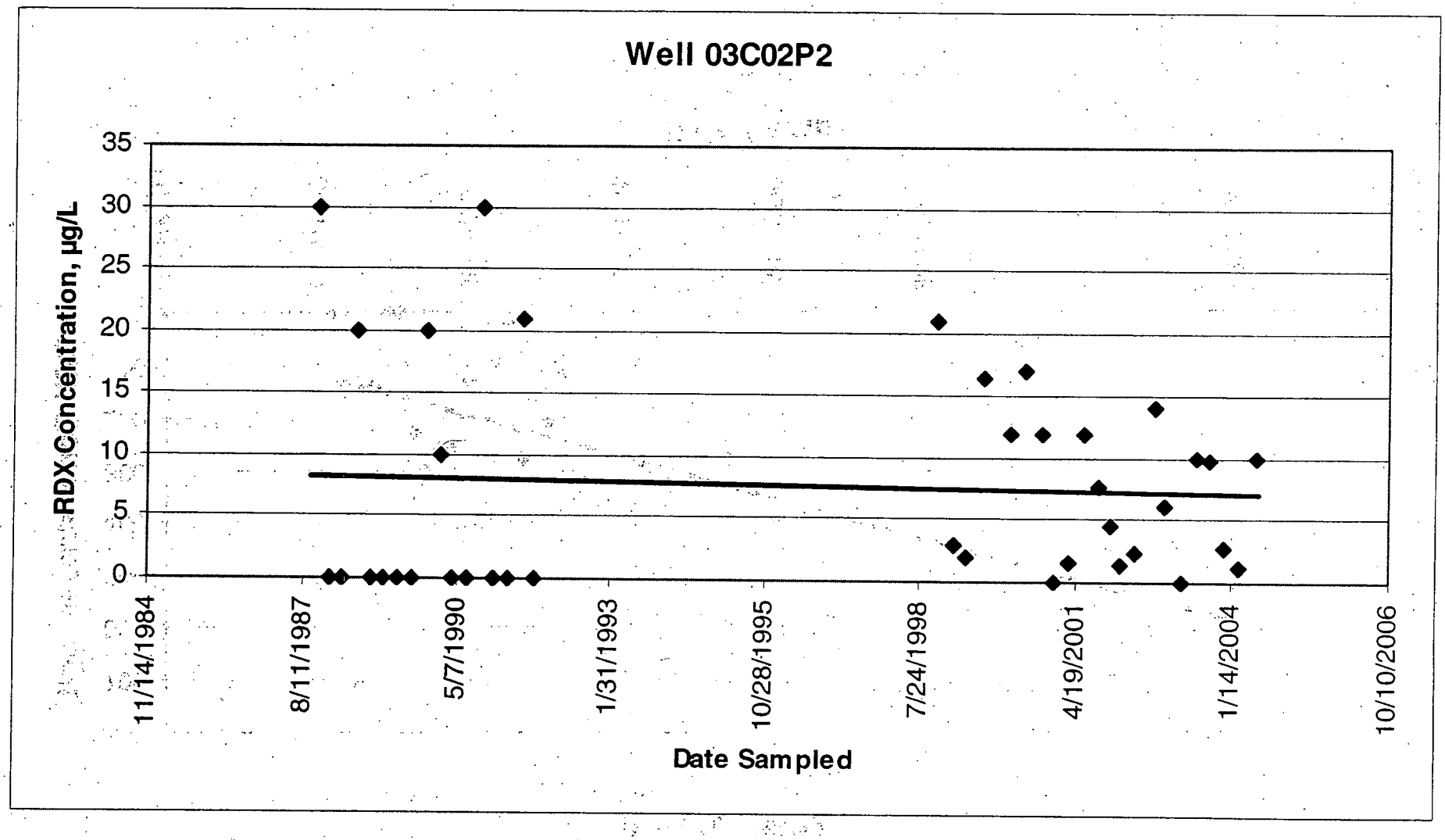

Well 03C02P2
RDX Concentration, µg/L
35
30
25
20
15
10
5
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-2

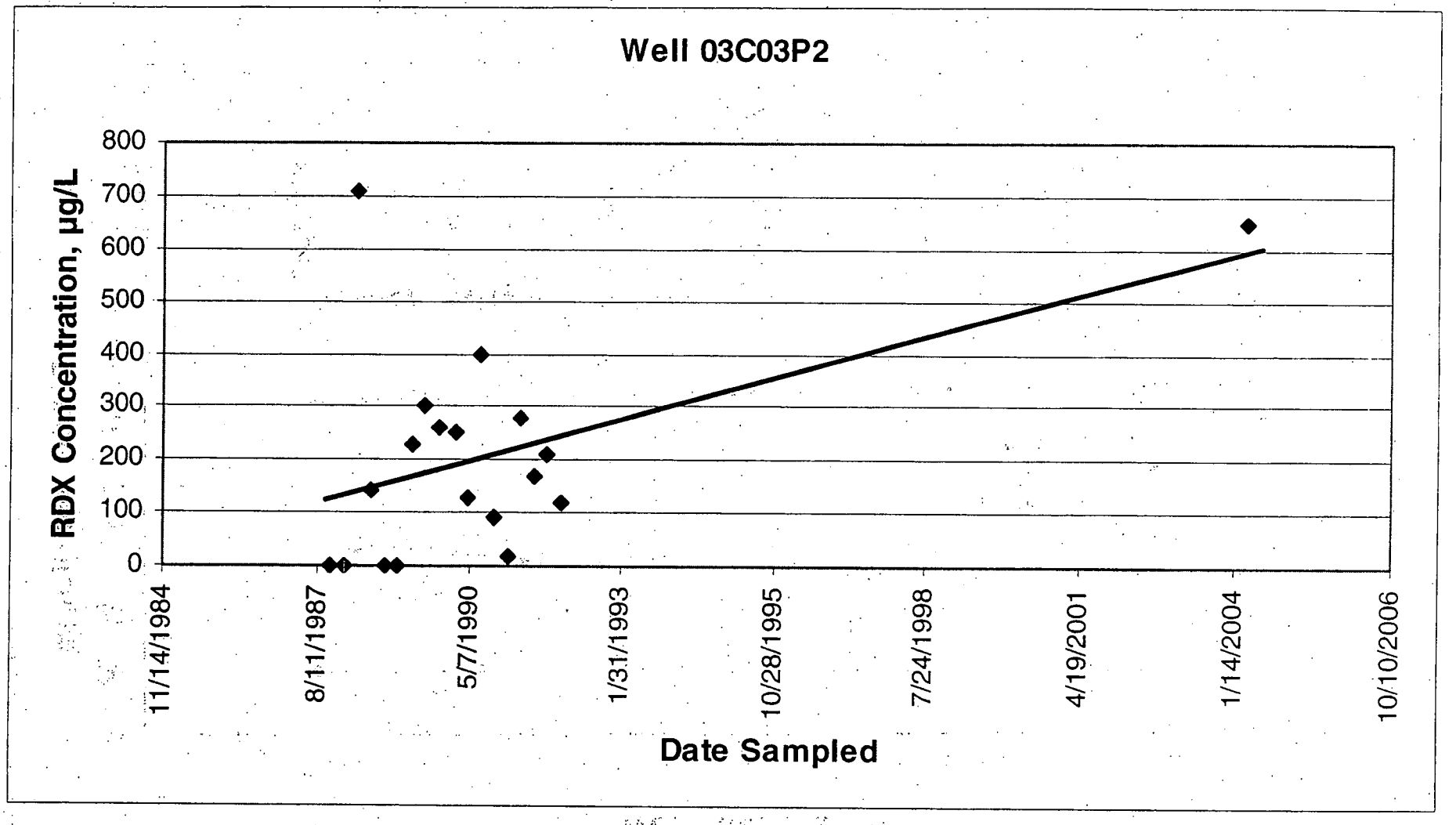

Well 03C03P2
RDX Concentration, µg/L
800
700
600
500
400
300
200
100
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-3

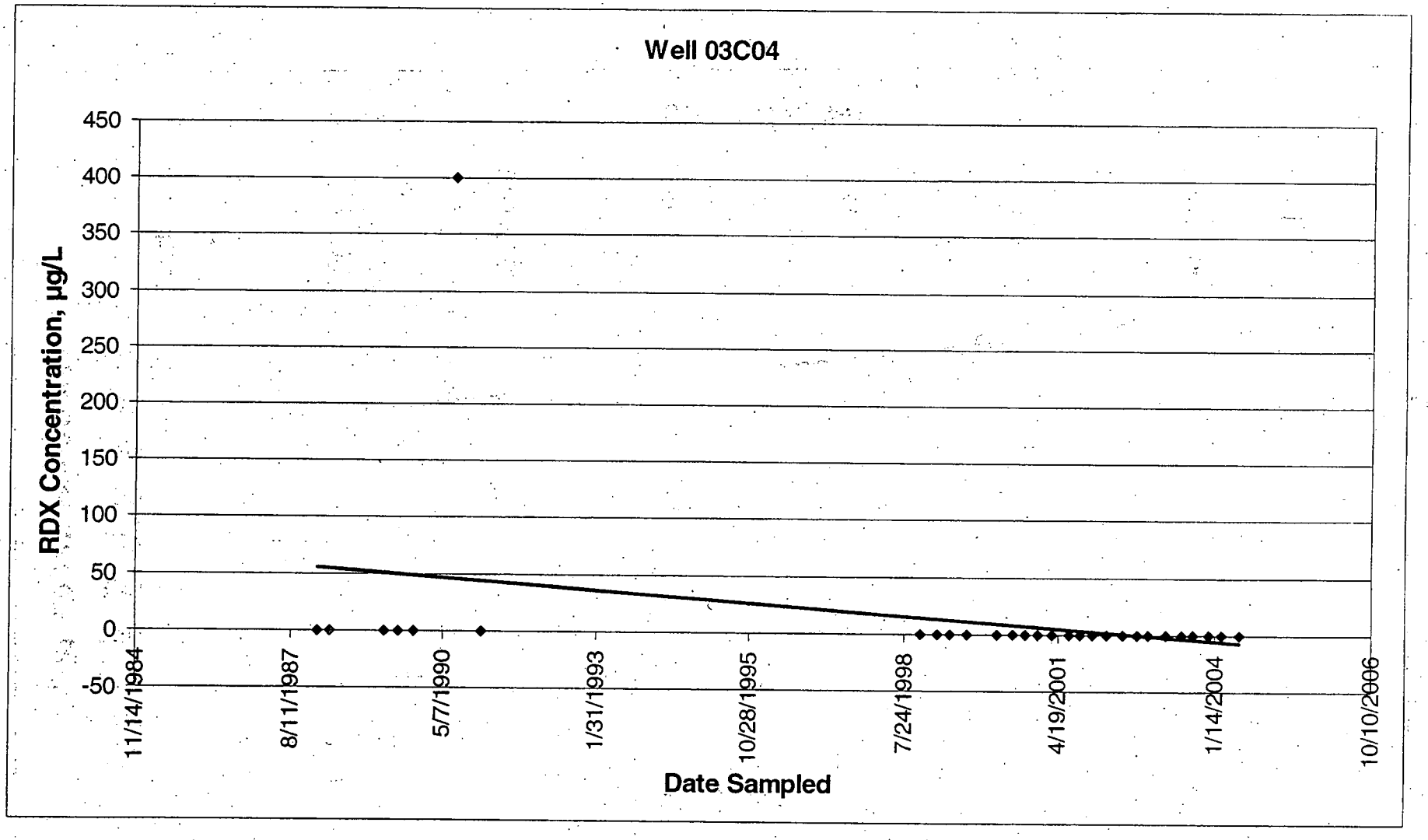

Well 03C04
RDX Concentration, µg/L
450
400
350
300
250
200
150
100
50
0
-50
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-4

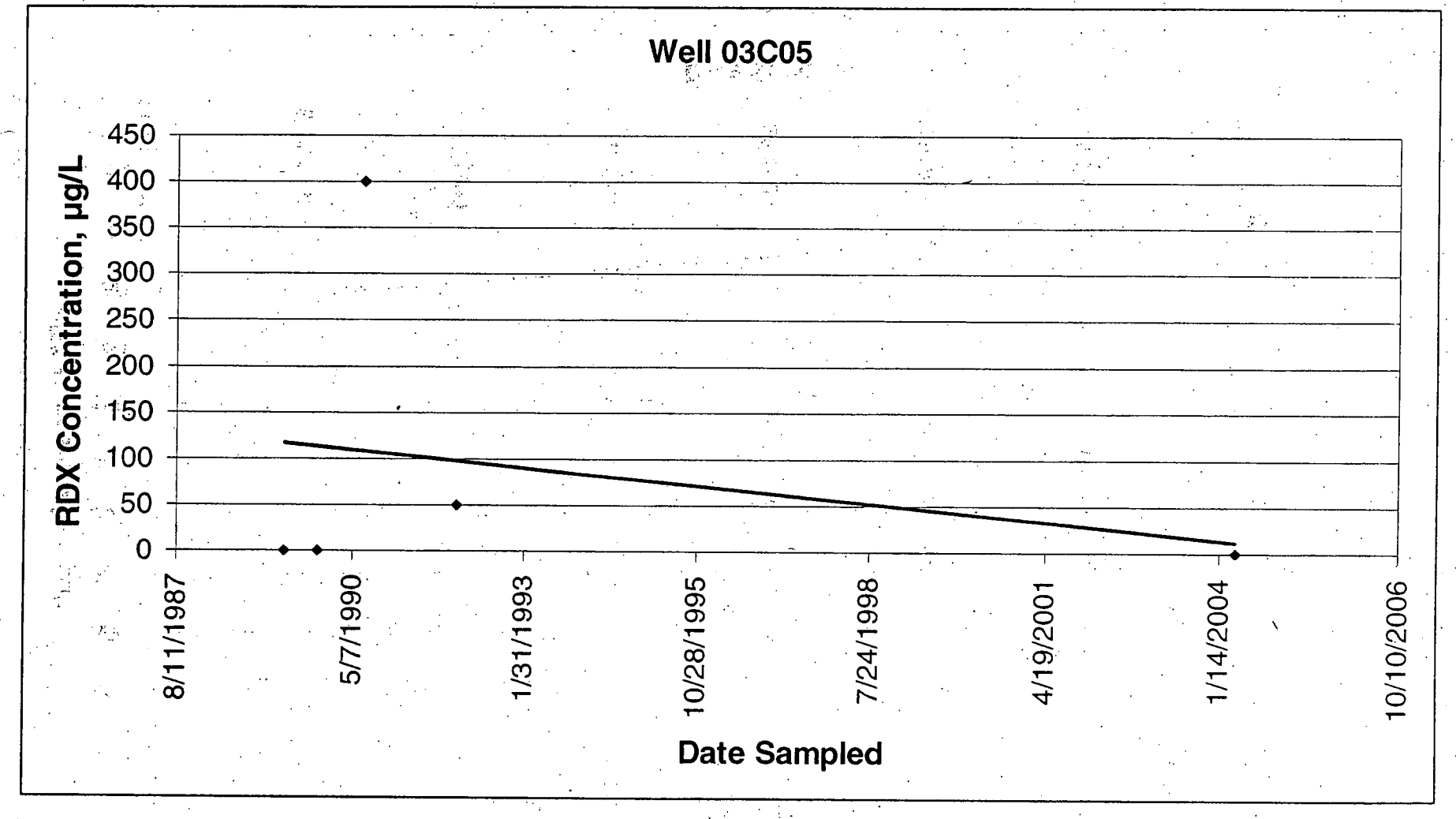

Well 03C05
RDX Concentration, µg/L
450
400
350
300
250
200
150
100
50
0
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-5

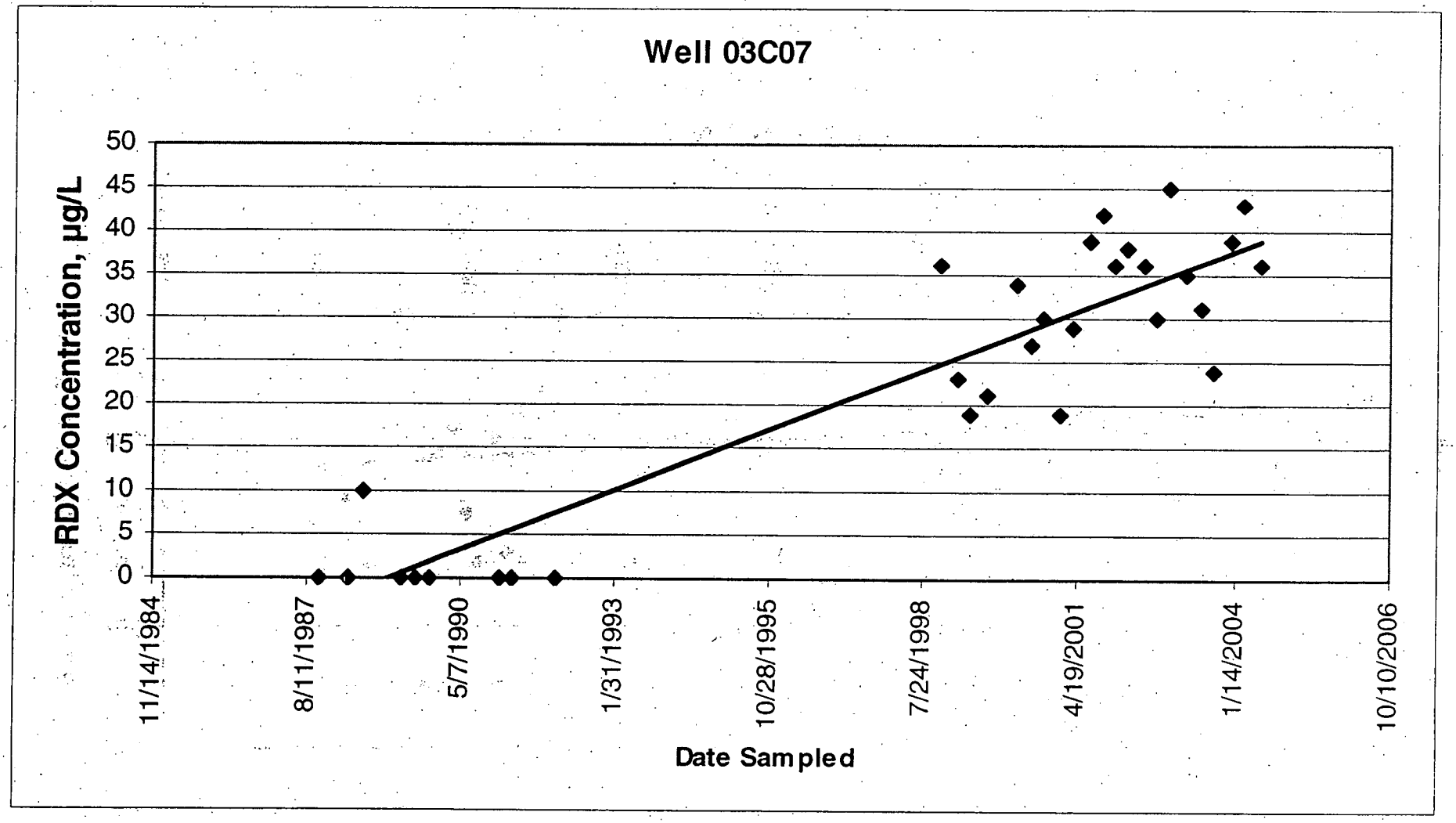

Well 03C07
RDX Concentration, µg/L
50
45
40
35
30
25
20
15
10
5
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-6

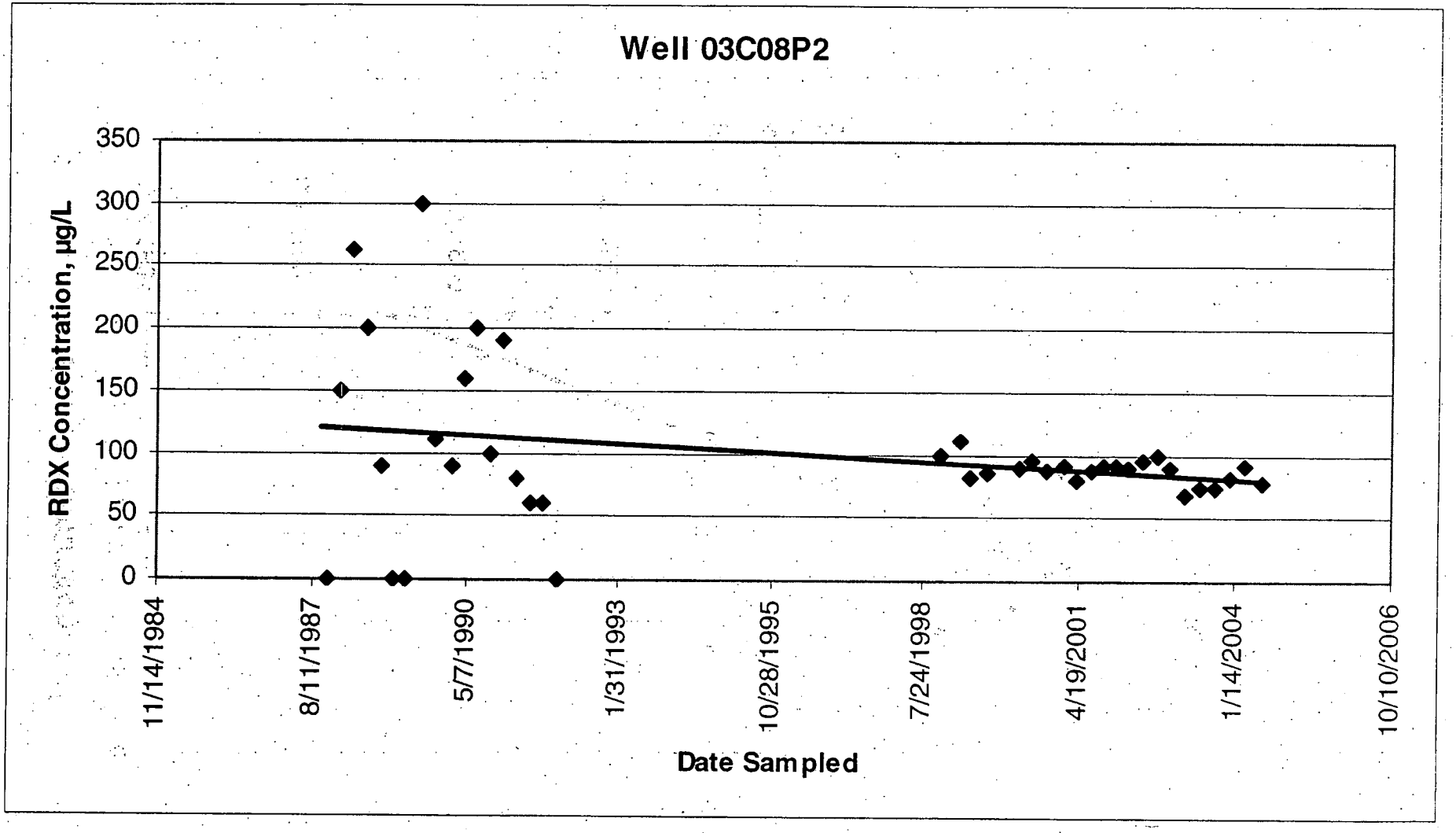

Well 03C08P2
RDX Concentration, µg/L
350
300
250
200
150
100
50
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-7

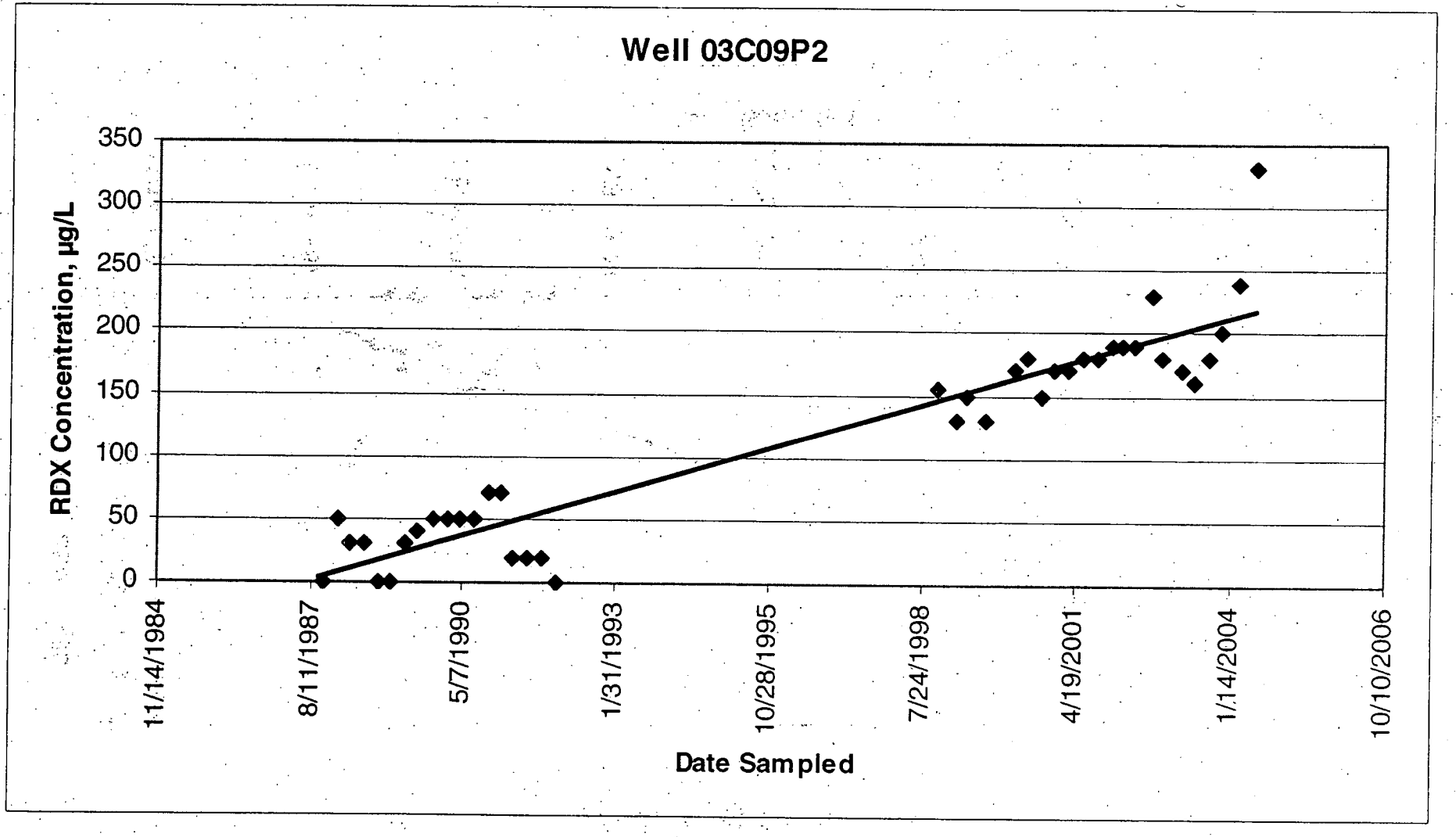

Well 03C09P2
RDX Concentration, µg/L
350
300
250
200
150
100
50
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-8

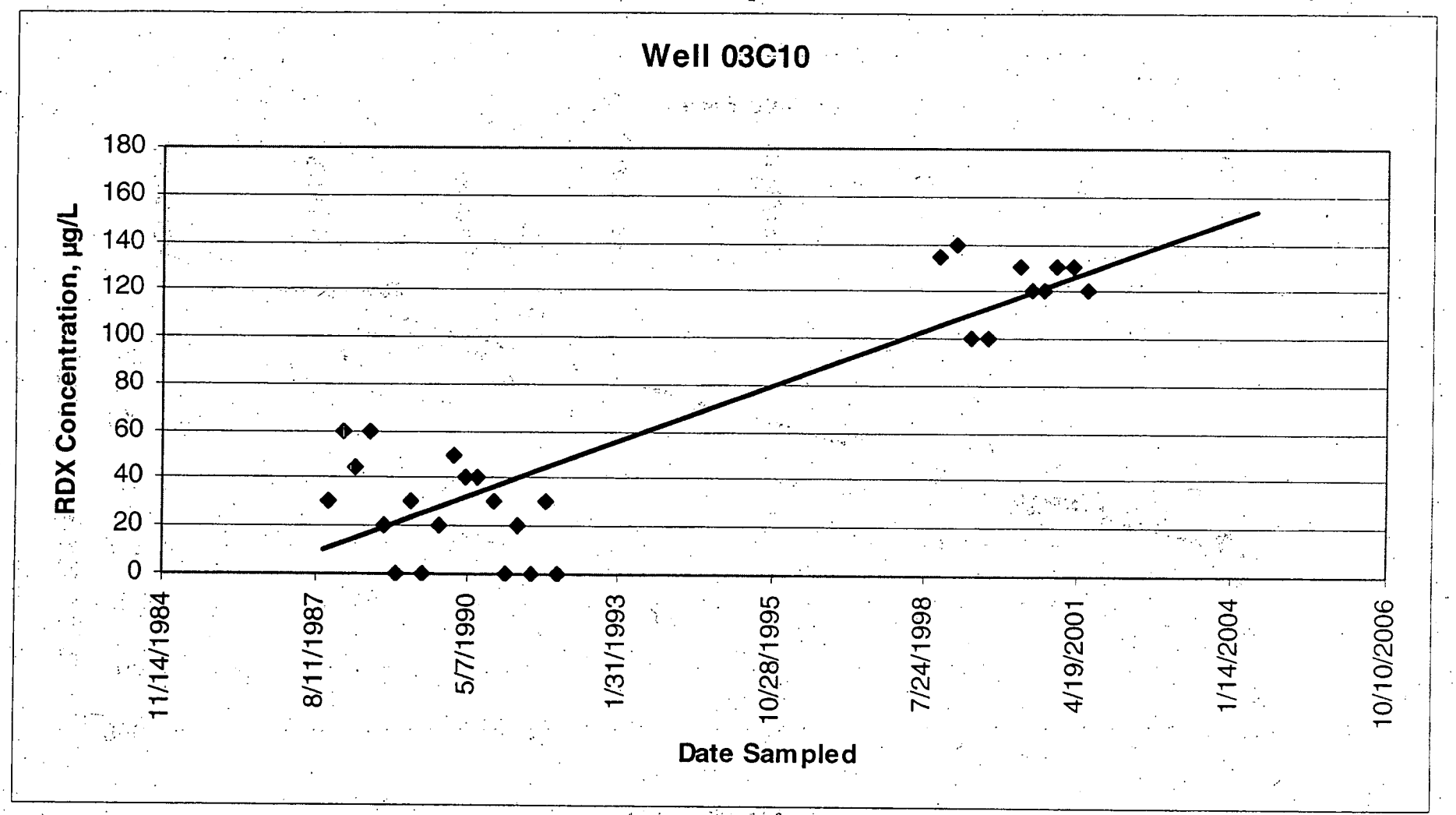

Well 03C10
RDX Concentration, µg/L
180
160
140
120
100
80
60
40
20
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-9

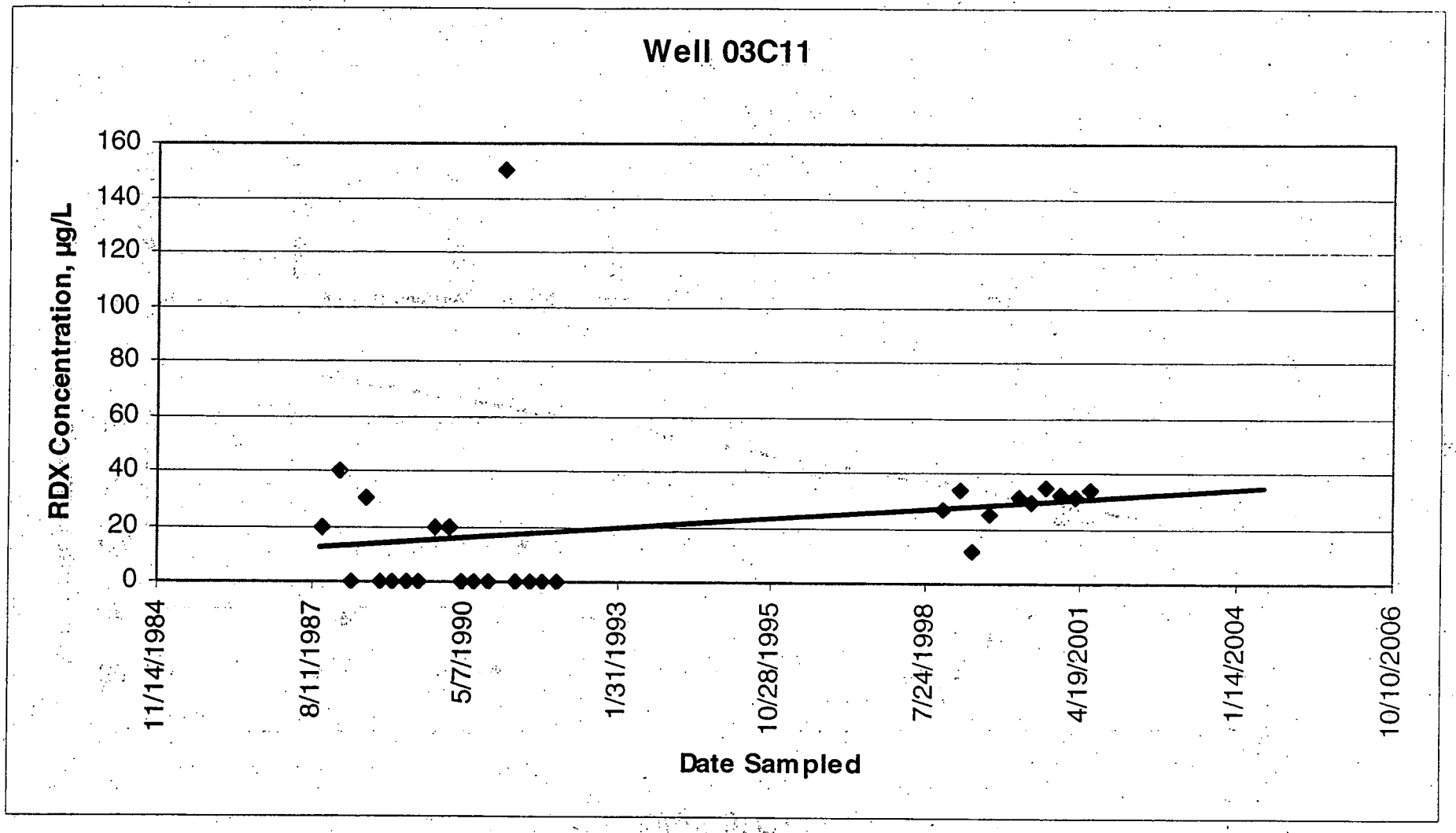

Well 03C11
RDX Concentration, µg/L
160
140
120
100
80
60
40
20
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-10

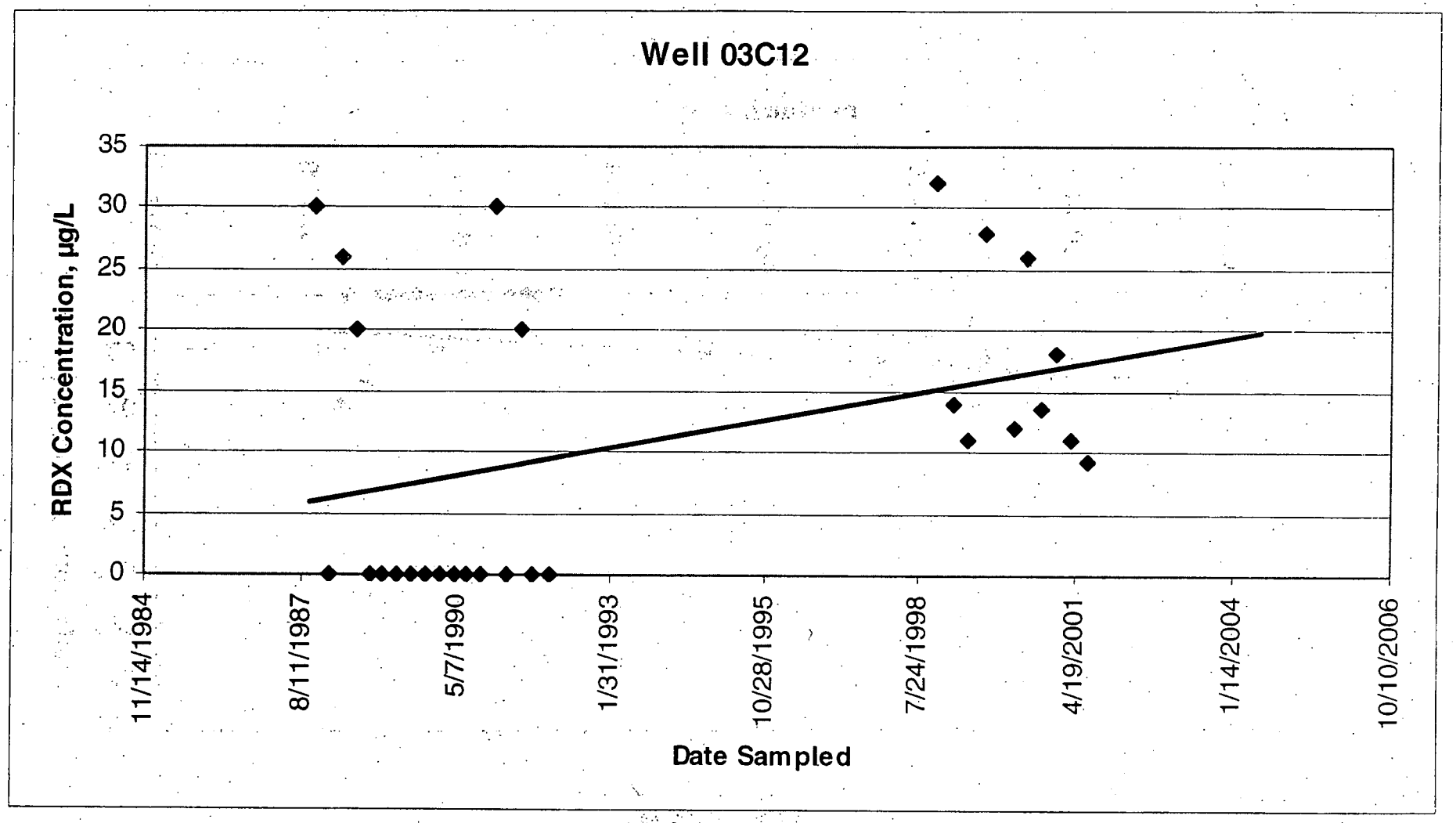

Well 03C12
RDX Concentration, µg/L
35
30
25
20
15
10
5
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-11

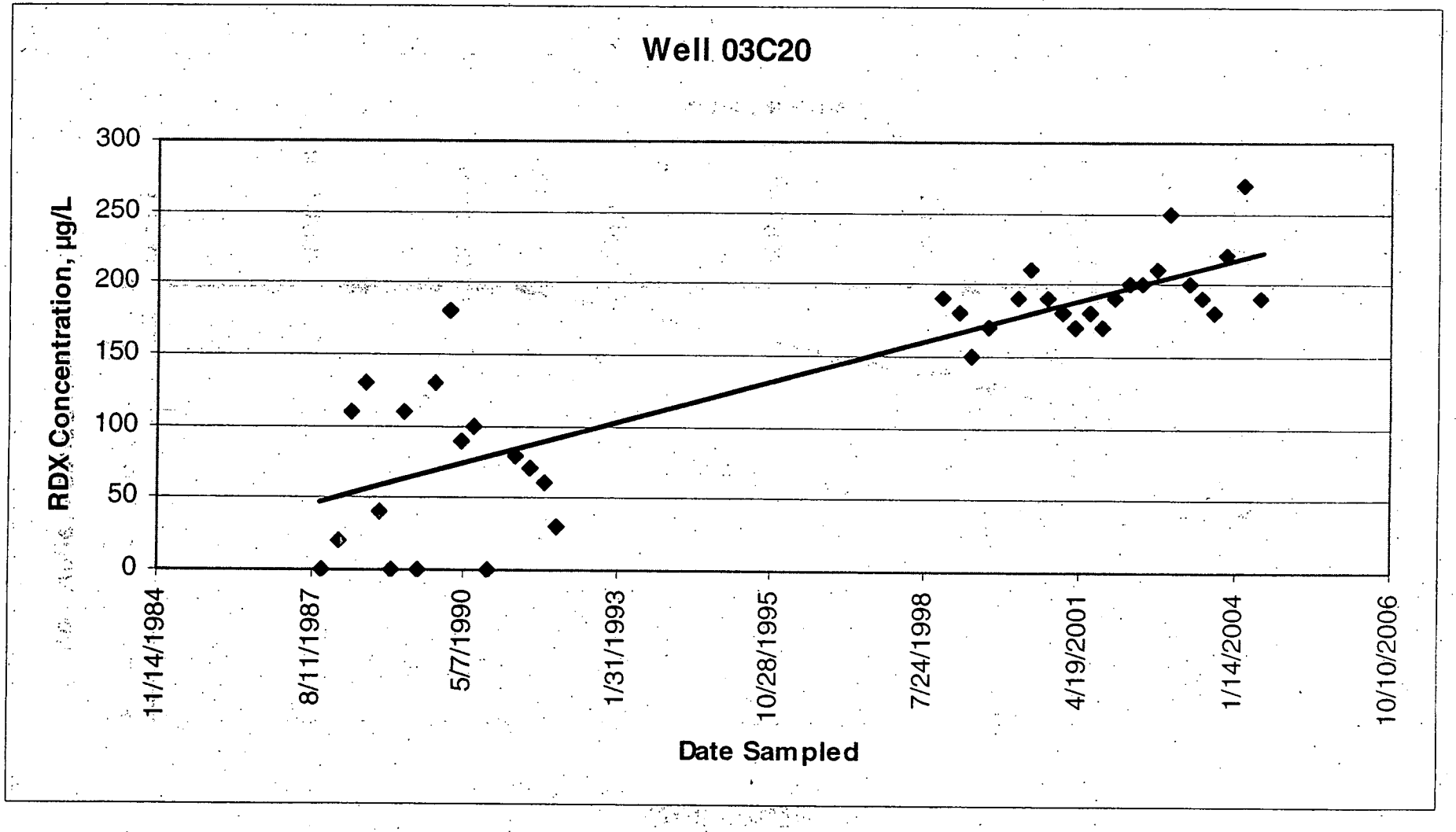

Well 03C20
RDX Concentration, µg/L
300
250
200
150
100
50
0
1/1/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-12

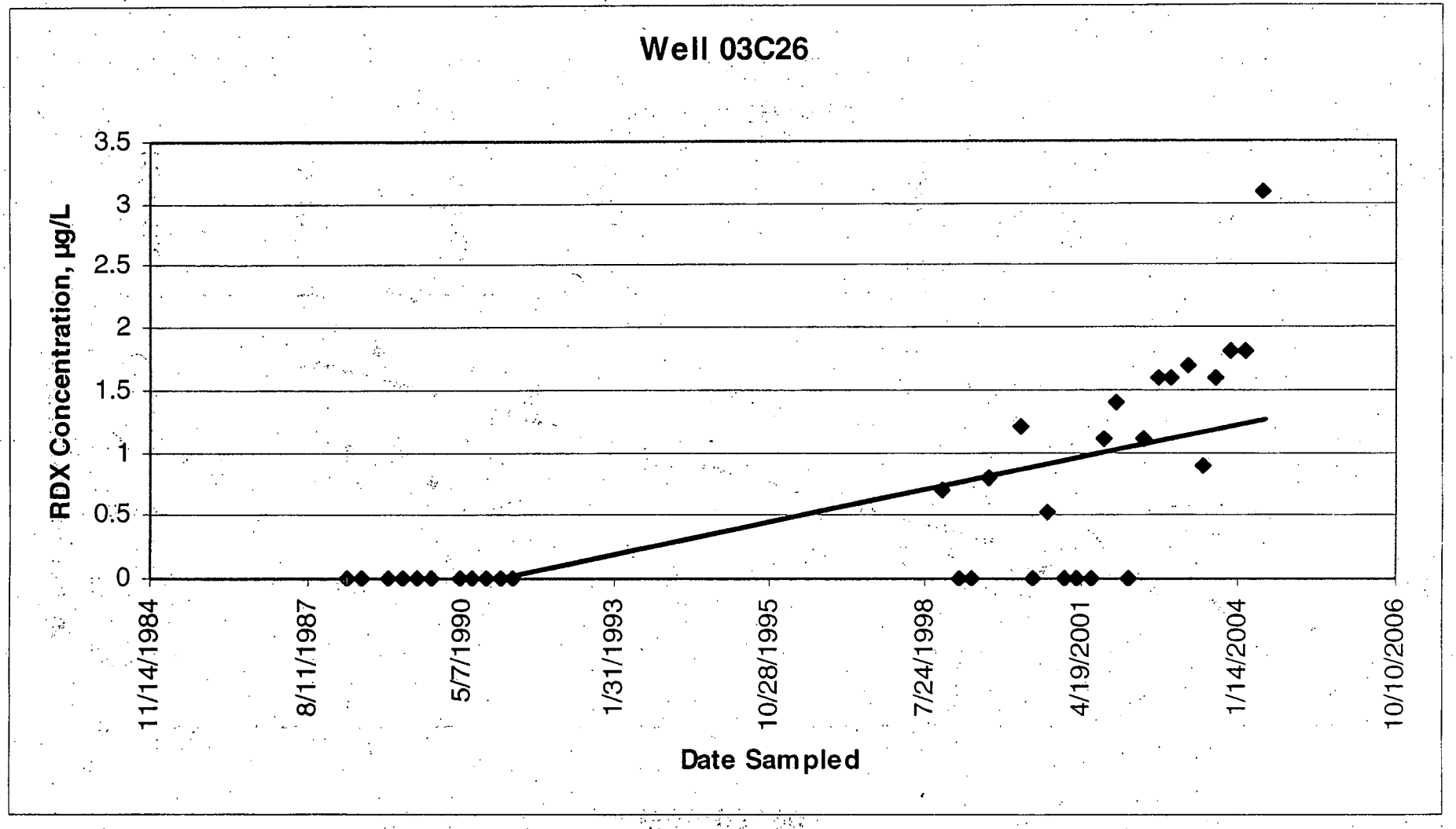
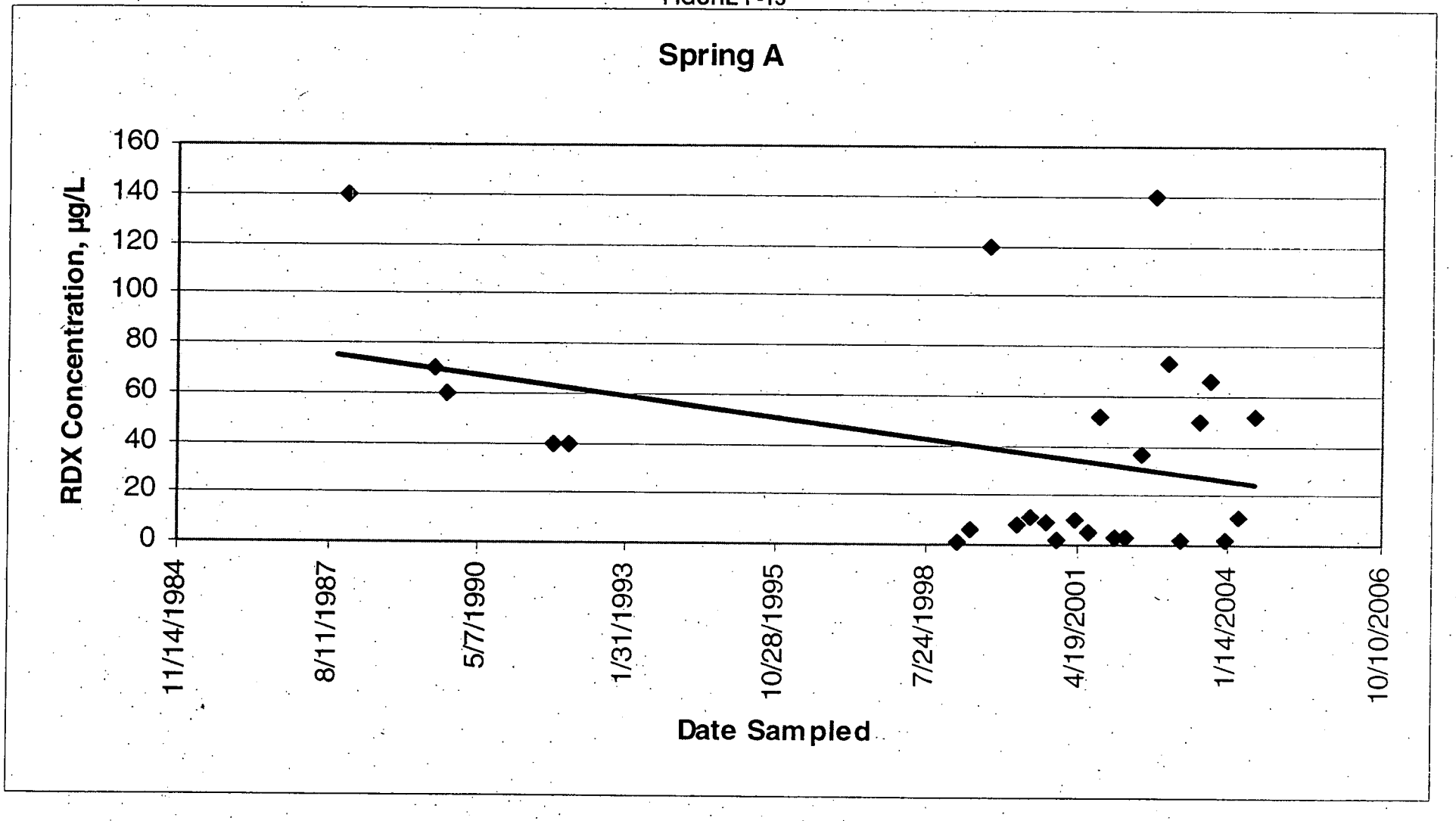

Well 03C26
RDX Concentration, µg/L
3.5
3
2.5
2
1.5
1
0.5
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-13


Spring A
RDX Concentration, µg/L
160
140
120
100
80
60
40
20
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

MAIN TREATMENT AREA — TCE

FIGURE F-14

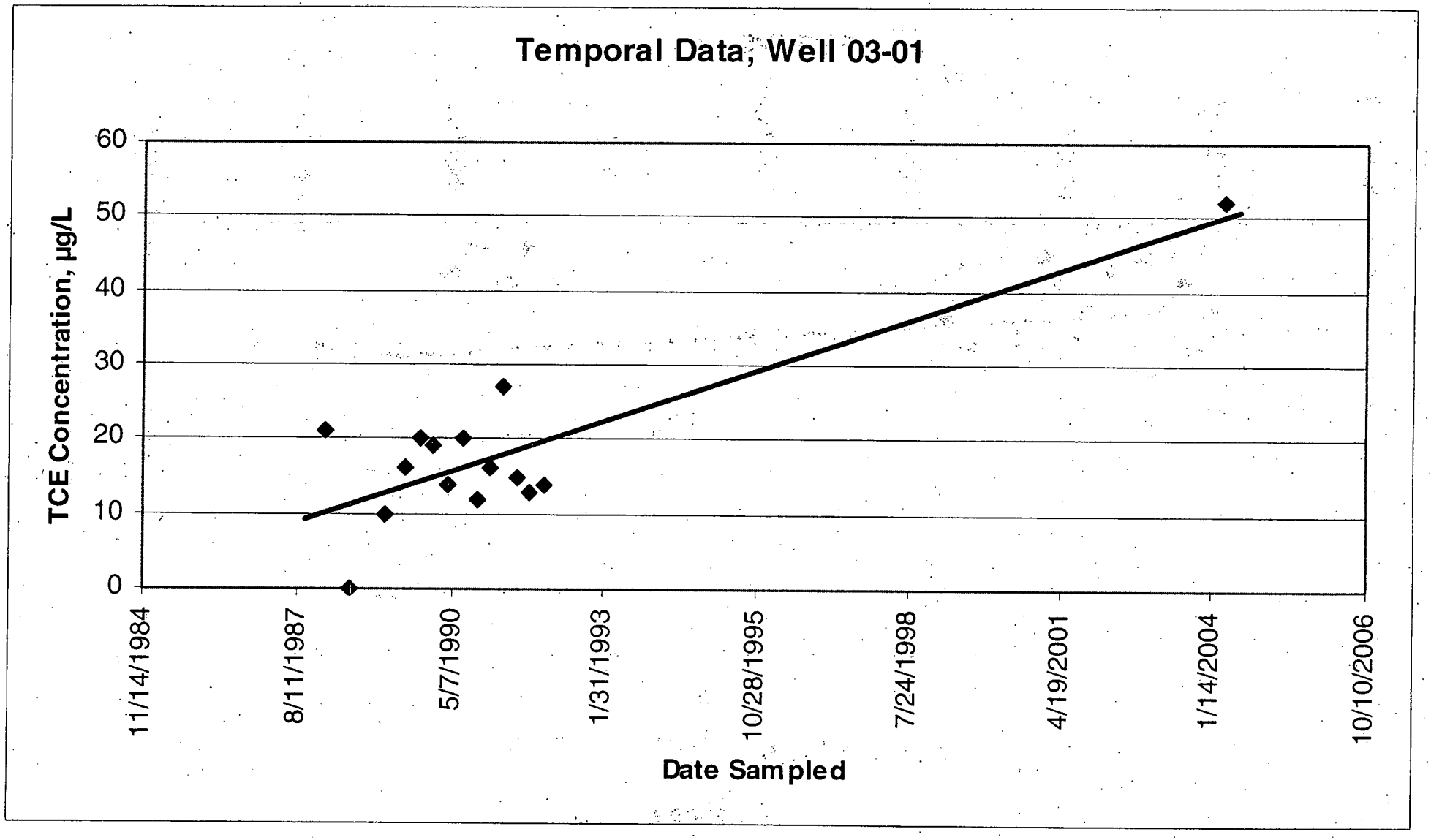

Temporal Data, Well 03-01
TCE Concentration, µg/L
60
50
40
30
20
10
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-15

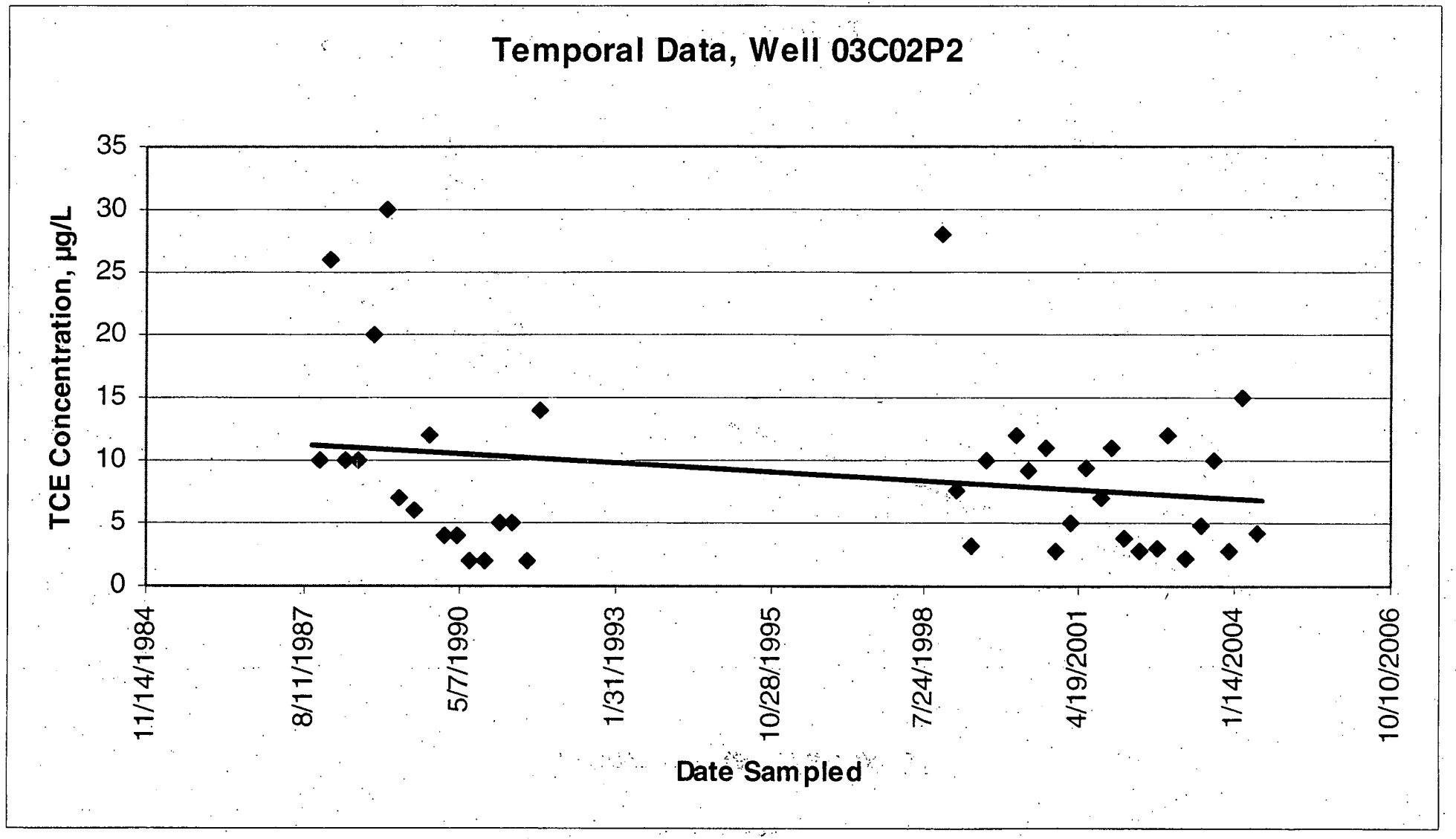

Temporal Data, Well 03C02P2
TCE Concentration, µg/L
35
30
25
20
15
10
5
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-16

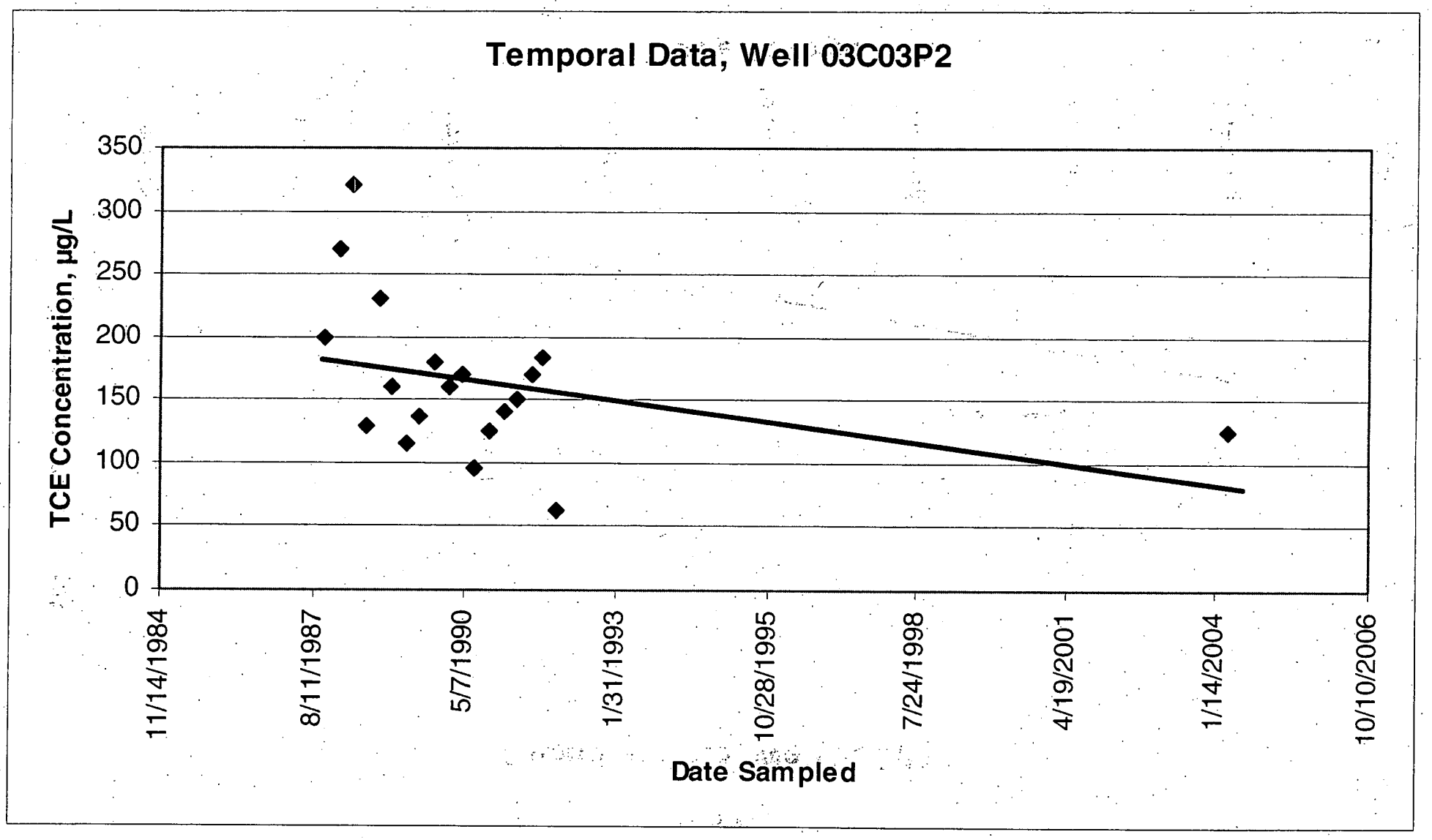

Temporal Data, Well 03C03P2
TCE Concentration, µg/L
350
300
250
200
150
100
50
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-17

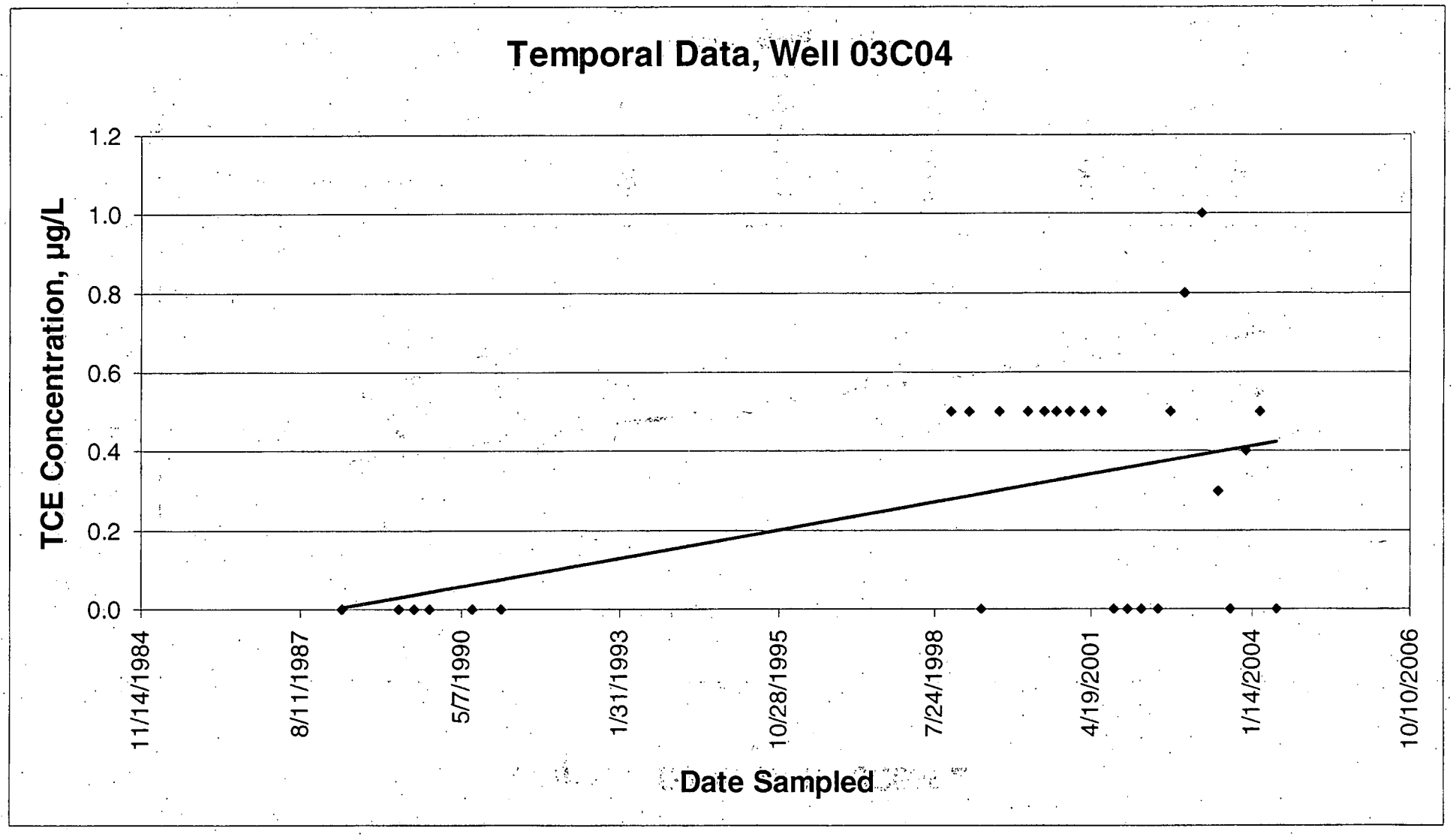

Temporal Data, Well 03C04
TCE Concentration, µg/L
1.2
1.0
0.8
0.6
0.4
0.2
0.0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-18

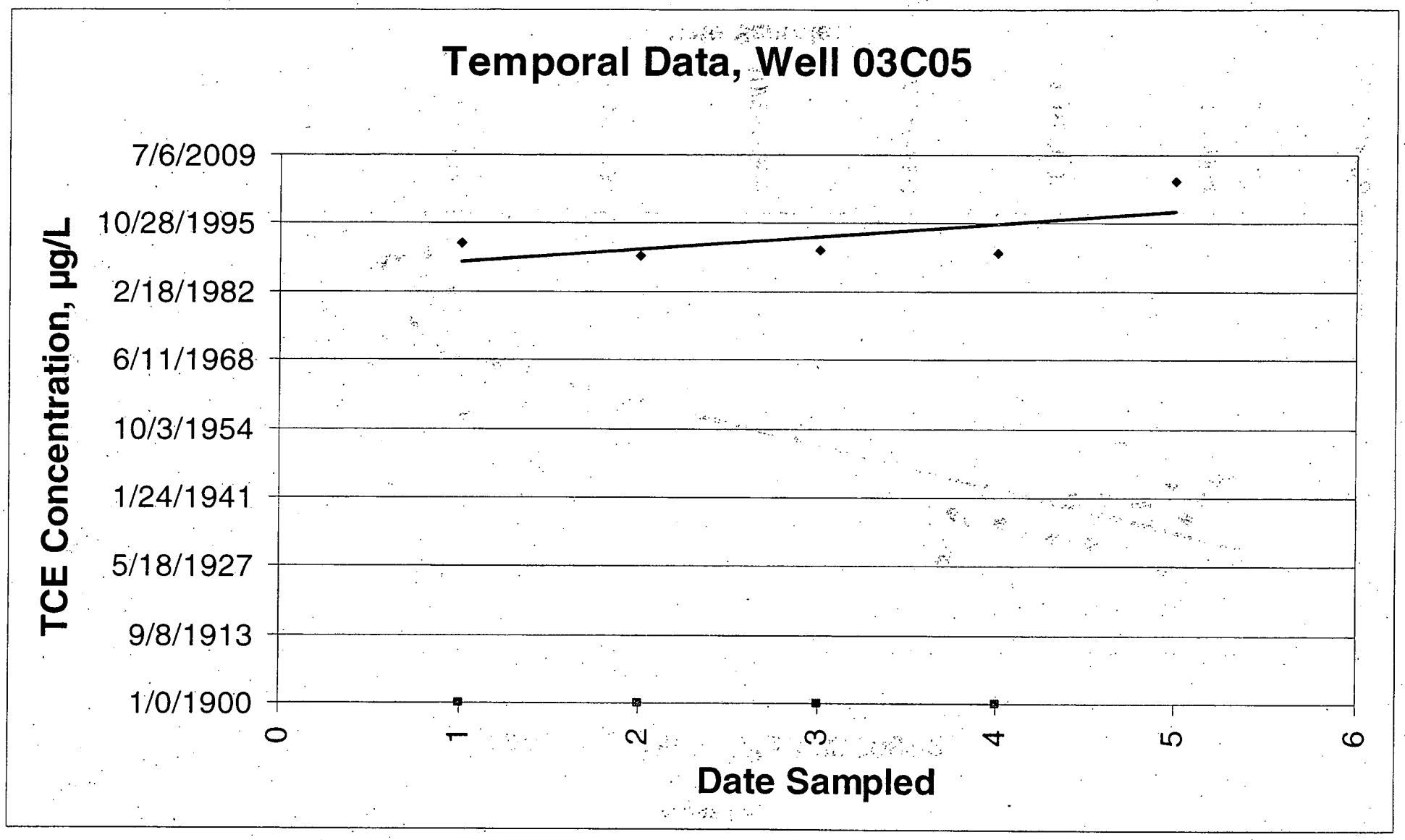

Temporal Data, Well 03C05
TCE Concentration, µg/L
7/6/2009
10/28/1995
2/18/1982
6/11/1968
10/3/1954
1/24/1941
5/18/1927
9/8/1913
1/0/1900
0
1
2
3
4
5
6
Date Sampled

FIGURE F-19

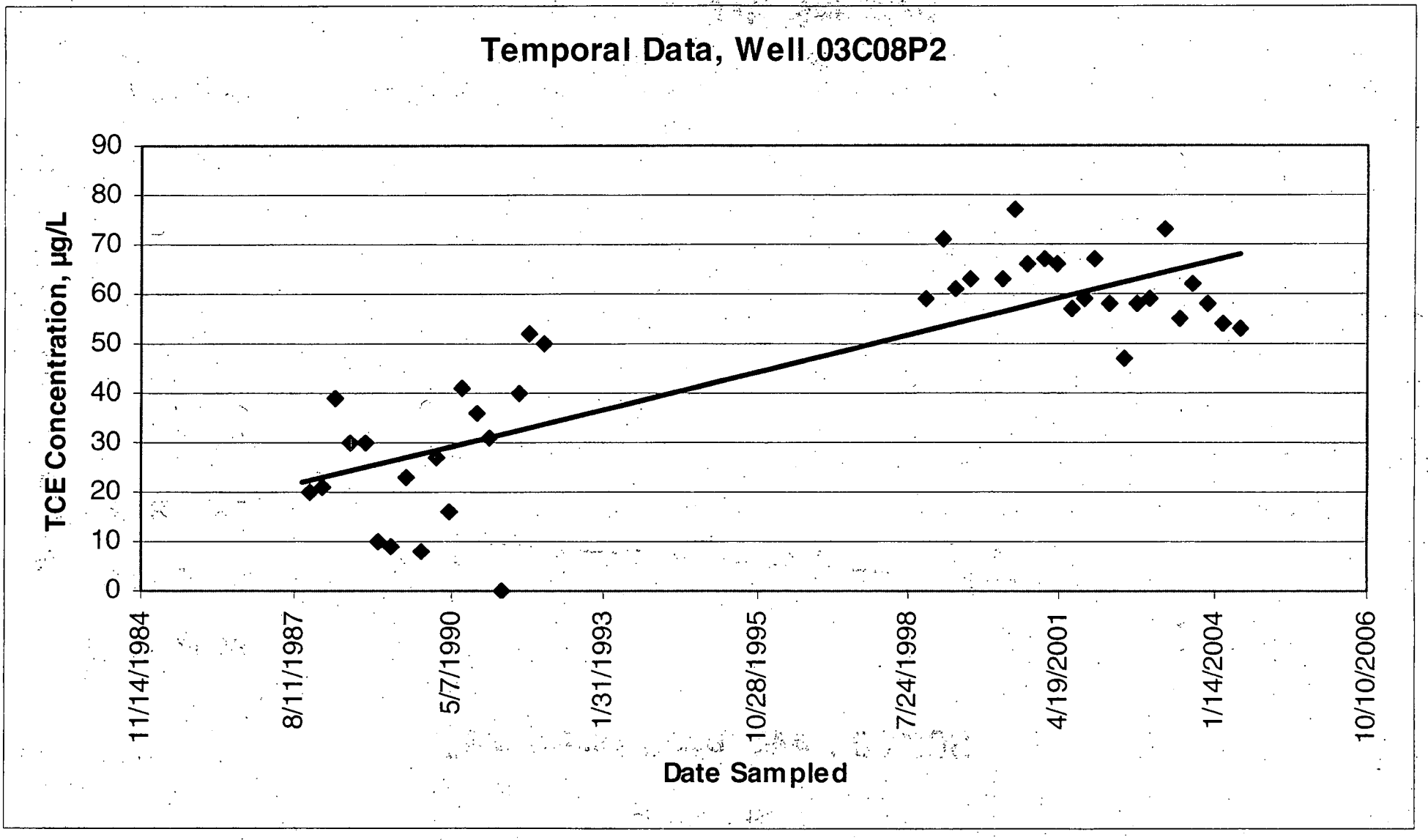

Temporal Data, Well 03C08P2
TCE Concentration, µg/L
90
80
70
60
50
40
30
20
10
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-20

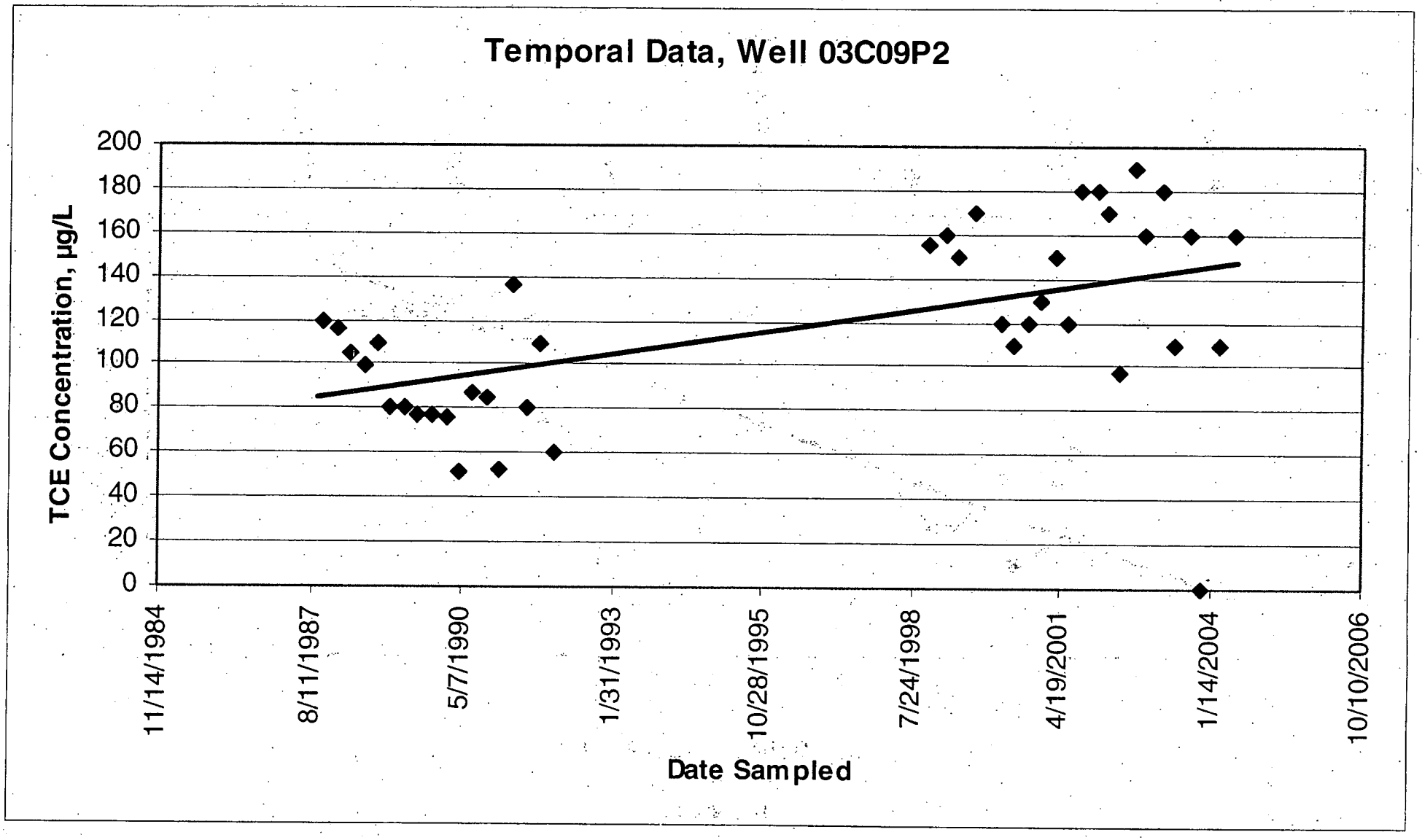

Temporal Data, Well 03C09P2
TCE Concentration, µg/L
200
180
160
140
120
100
80
60
40
20
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-21

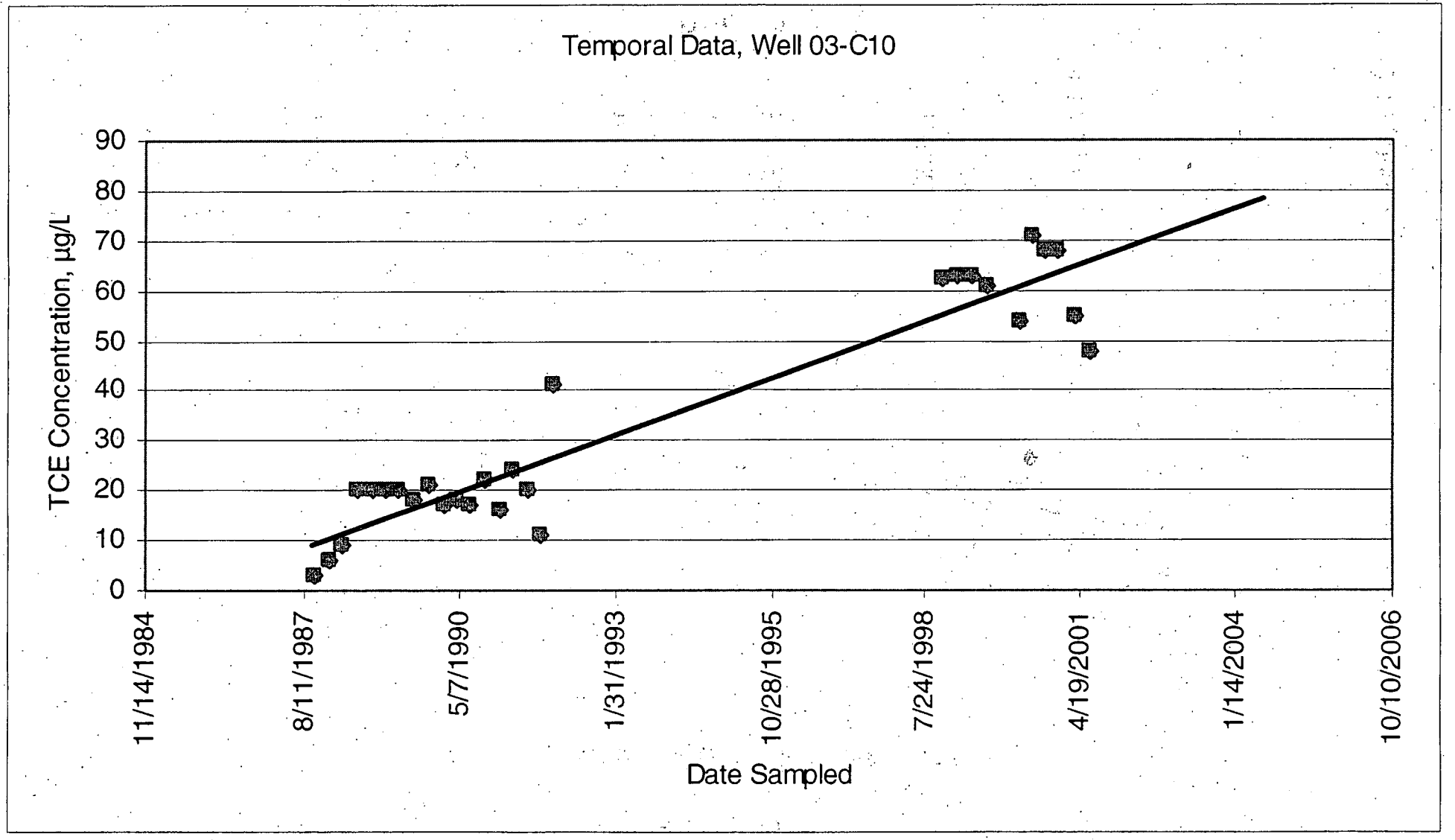

Temporal Data, Well 03-C10
TCE Concentration, µg/L
90
80
70
60
50
40
30
20
10
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-22

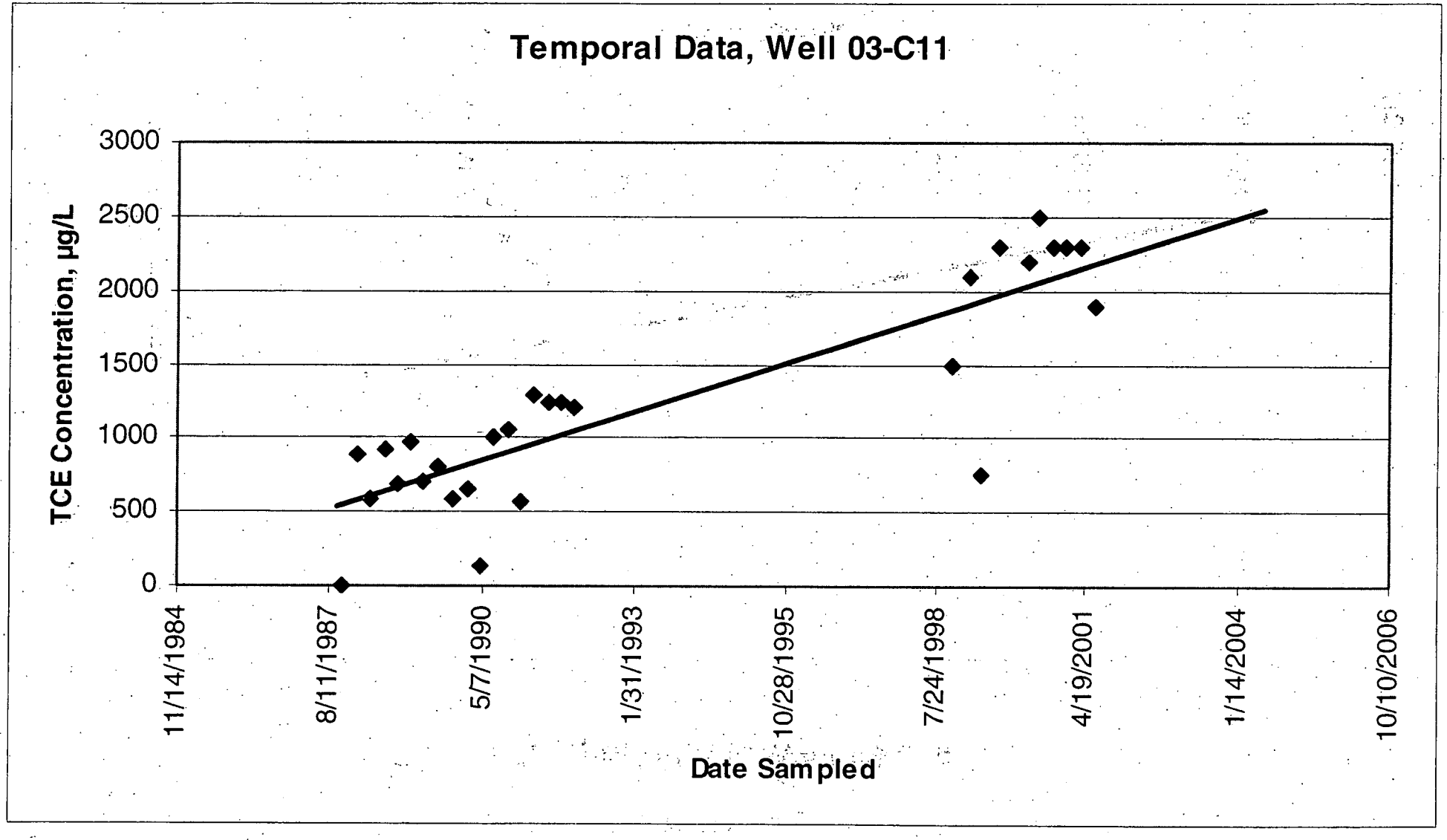

Temporal Data, Well 03-C11
TCE Concentration, µg/L
3000
2500
2000
1500
1000
500
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-23

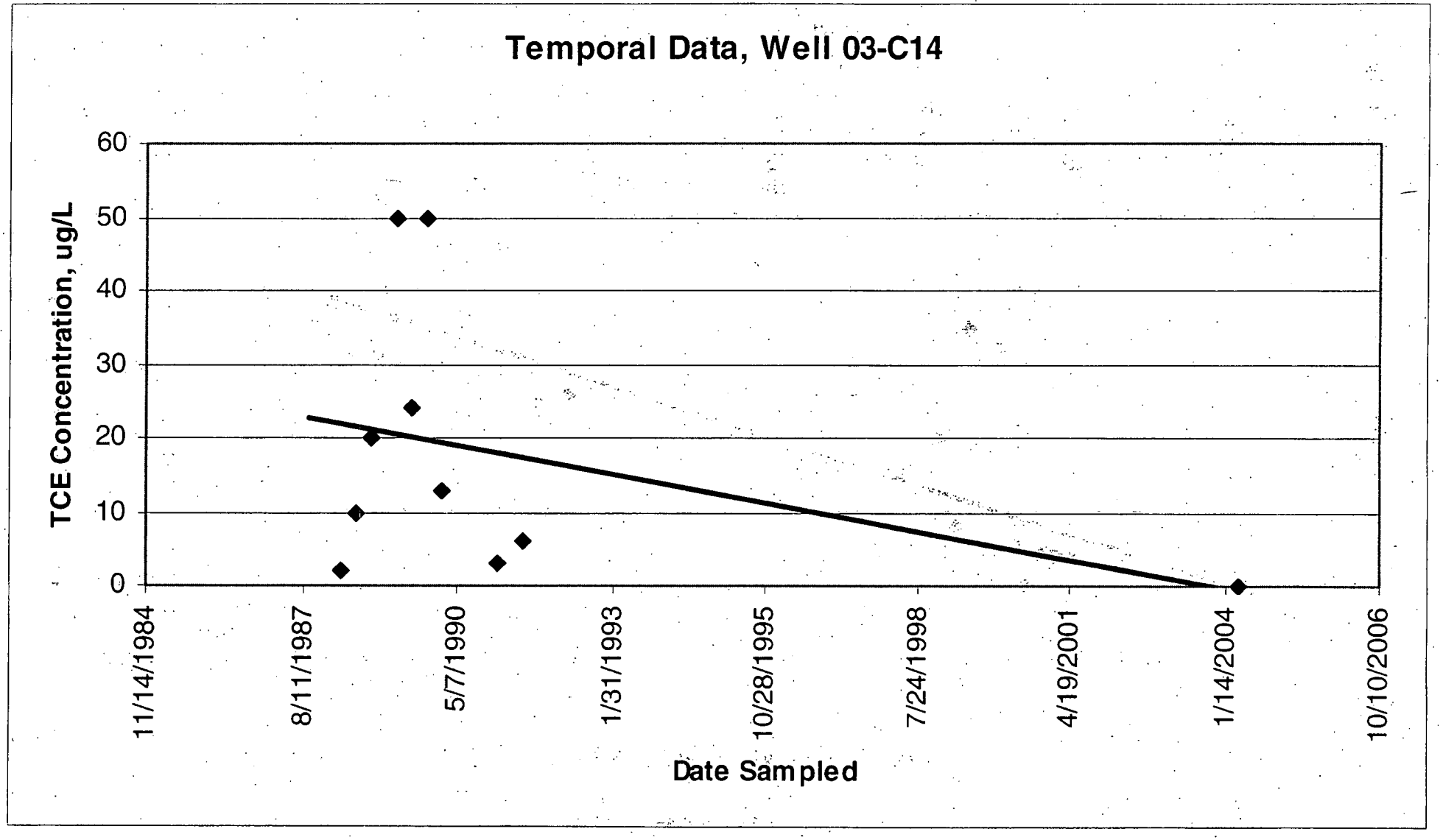

Temporal Data, Well 03-C14
TCE Concentration, ug/L
60
50
40
30
20
10
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-24

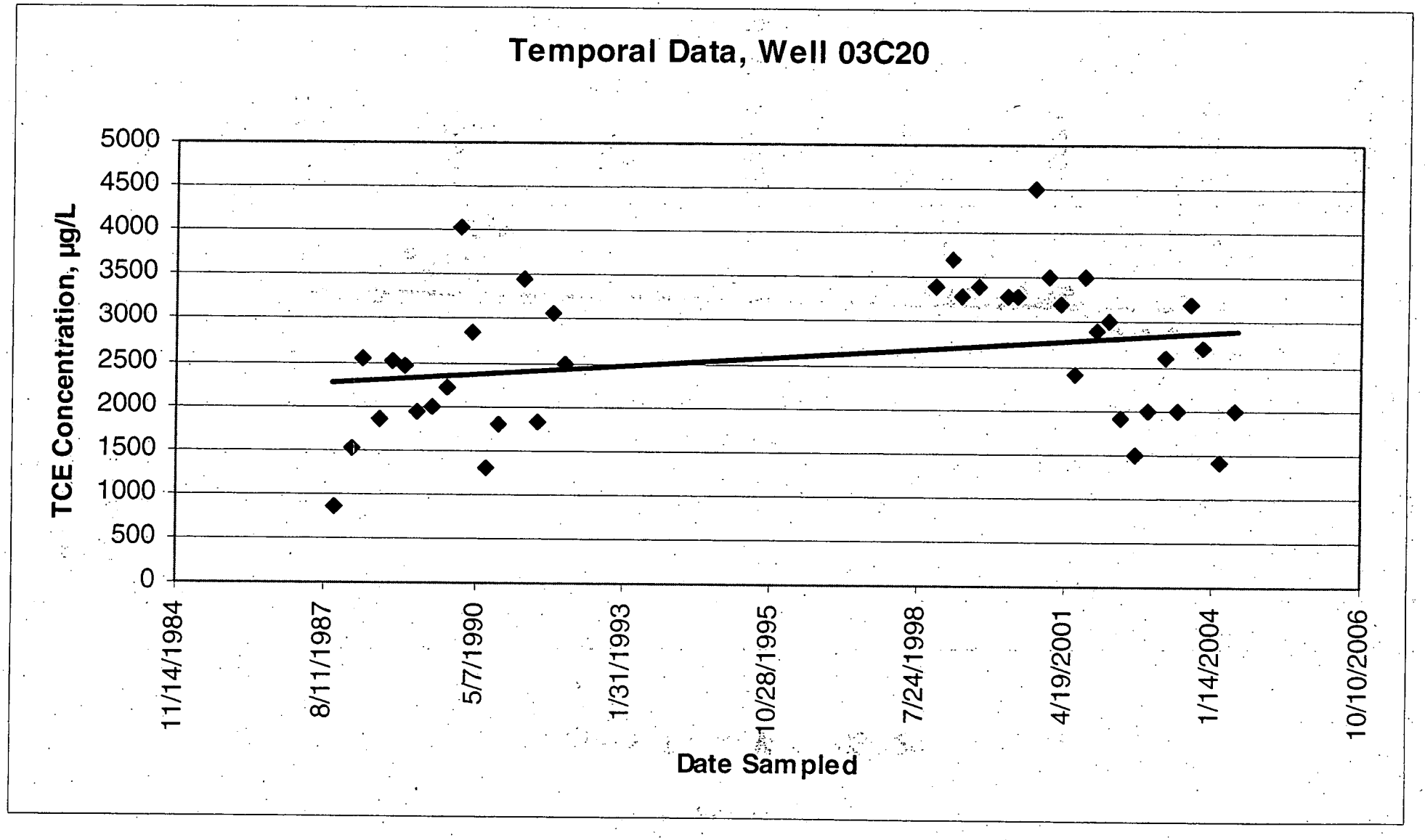

Temporal Data, Well 03C20
TCE Concentration, µg/L
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-25

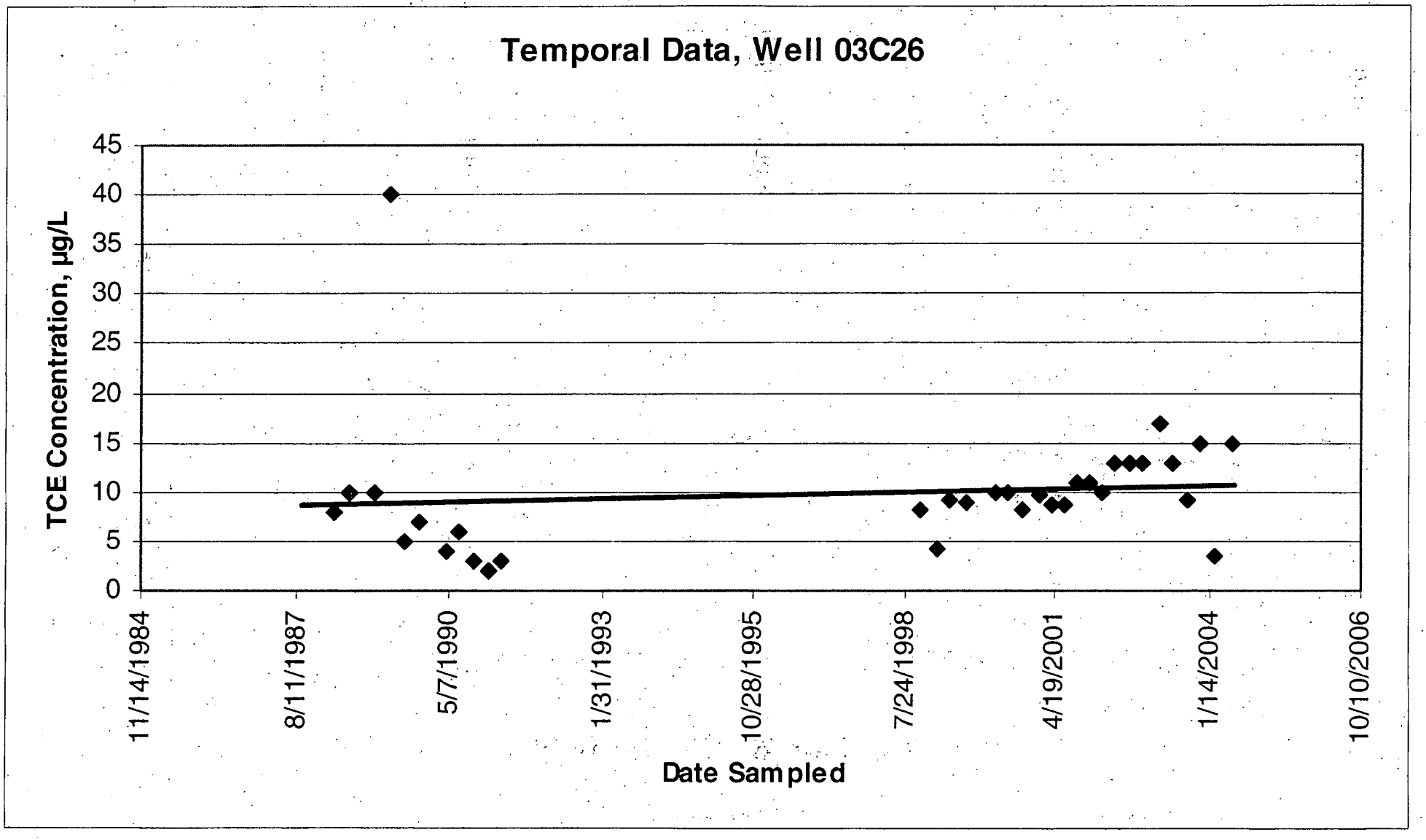
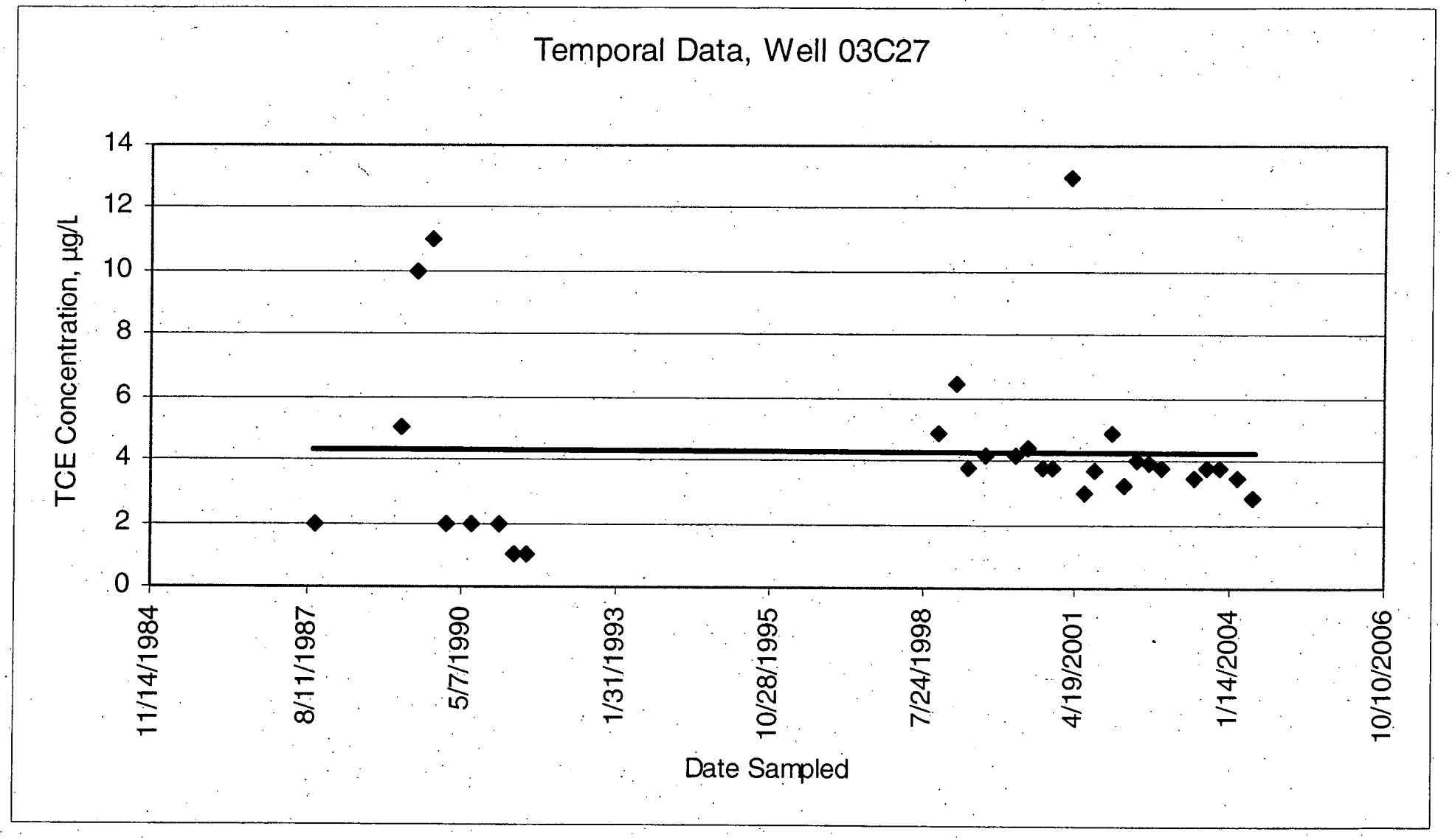

Temporal Data, Well 03C26
TCE Concentration, µg/L
45
40
35
30
25
20
15
10
5
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-26


Temporal Data, Well 03C27
TCE Concentration, µg/L
14
12
10
8
6
4
2
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

OLD JEEP TRAIL — RDX

FIGURE F-23

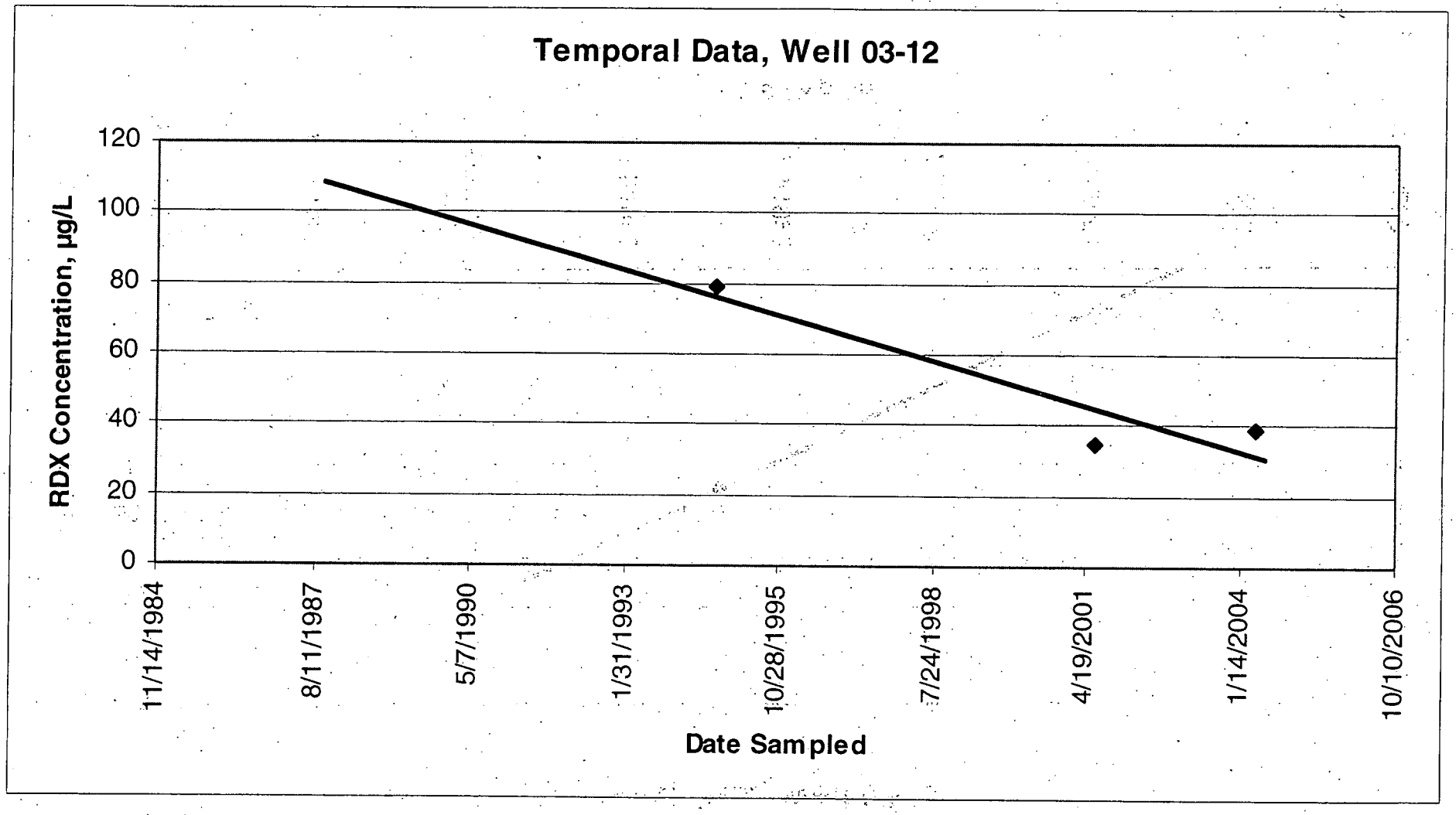

Temporal Data, Well 03-12
RDX Concentration, µg/L
120
100
80
60
40
20
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-24

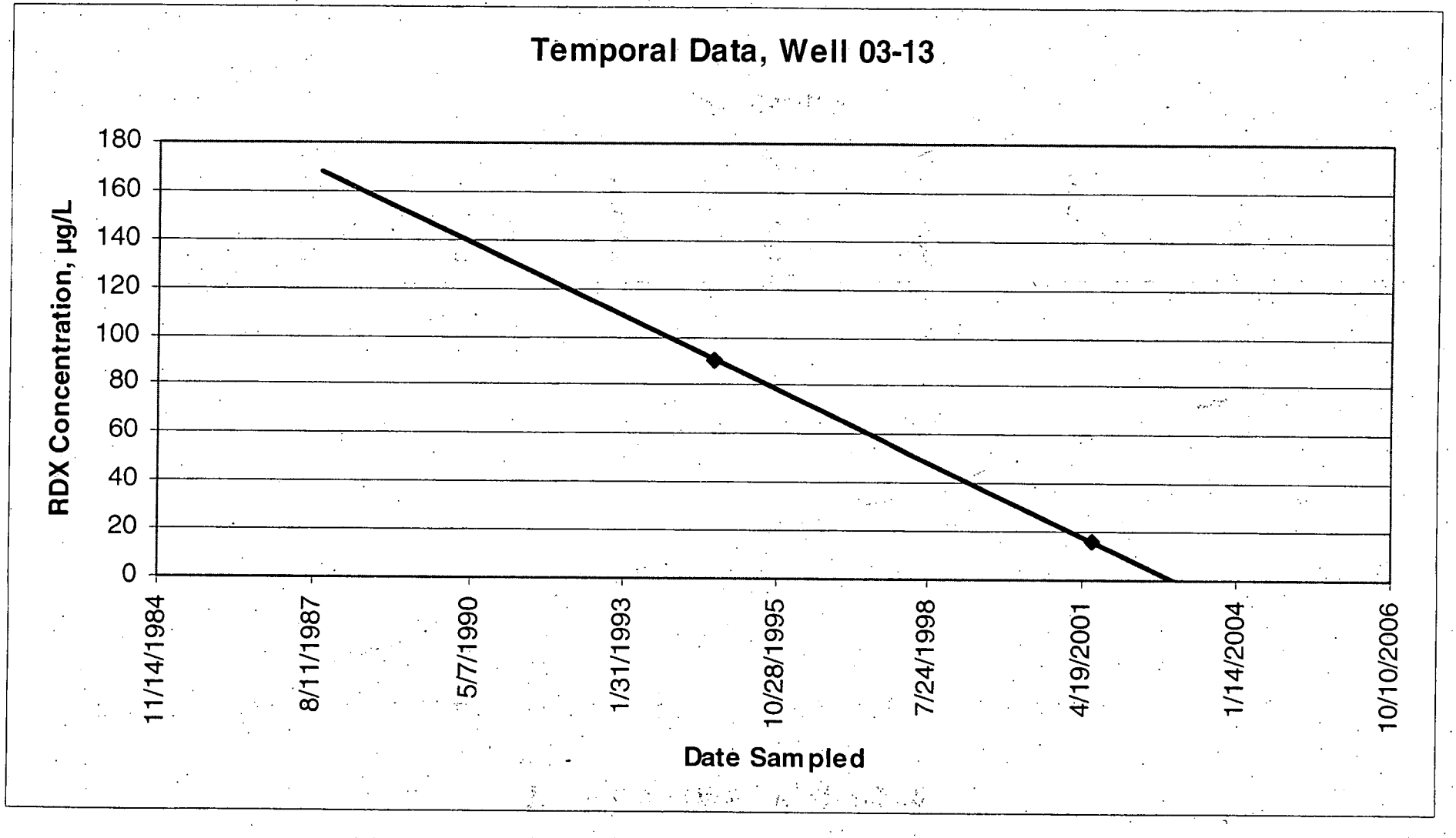

Temporal Data, Well 03-13
RDX Concentration, µg/L
180
160
140
120
100
80
60
40
20
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-25

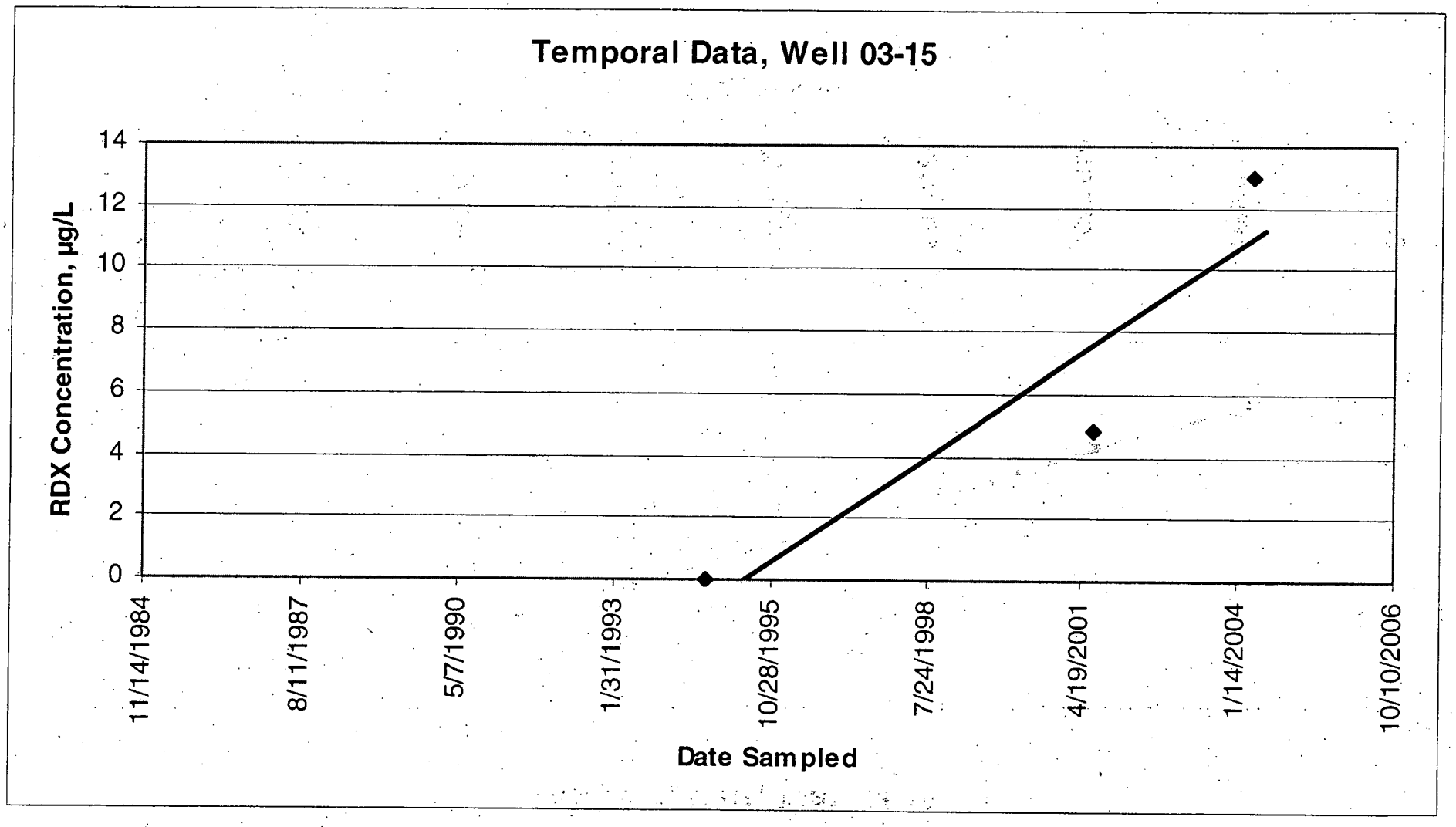

Temporal Data, Well 03-15
RDX Concentration, µg/L
14
12
10
8
6
4
2
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-26

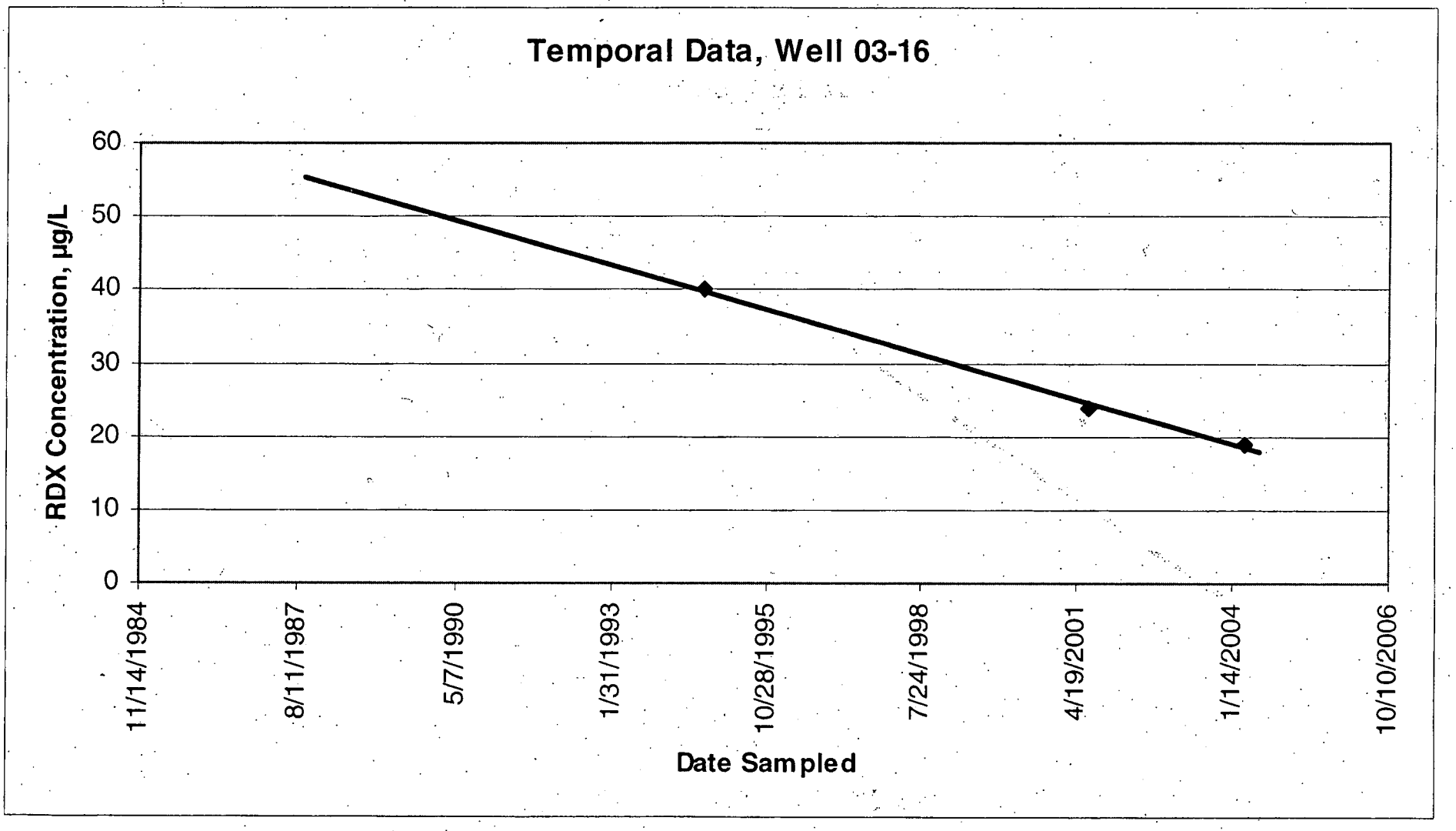

Temporal Data, Well 03-16
RDX Concentration, µg/L
60
50
40
30
20
10
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-27

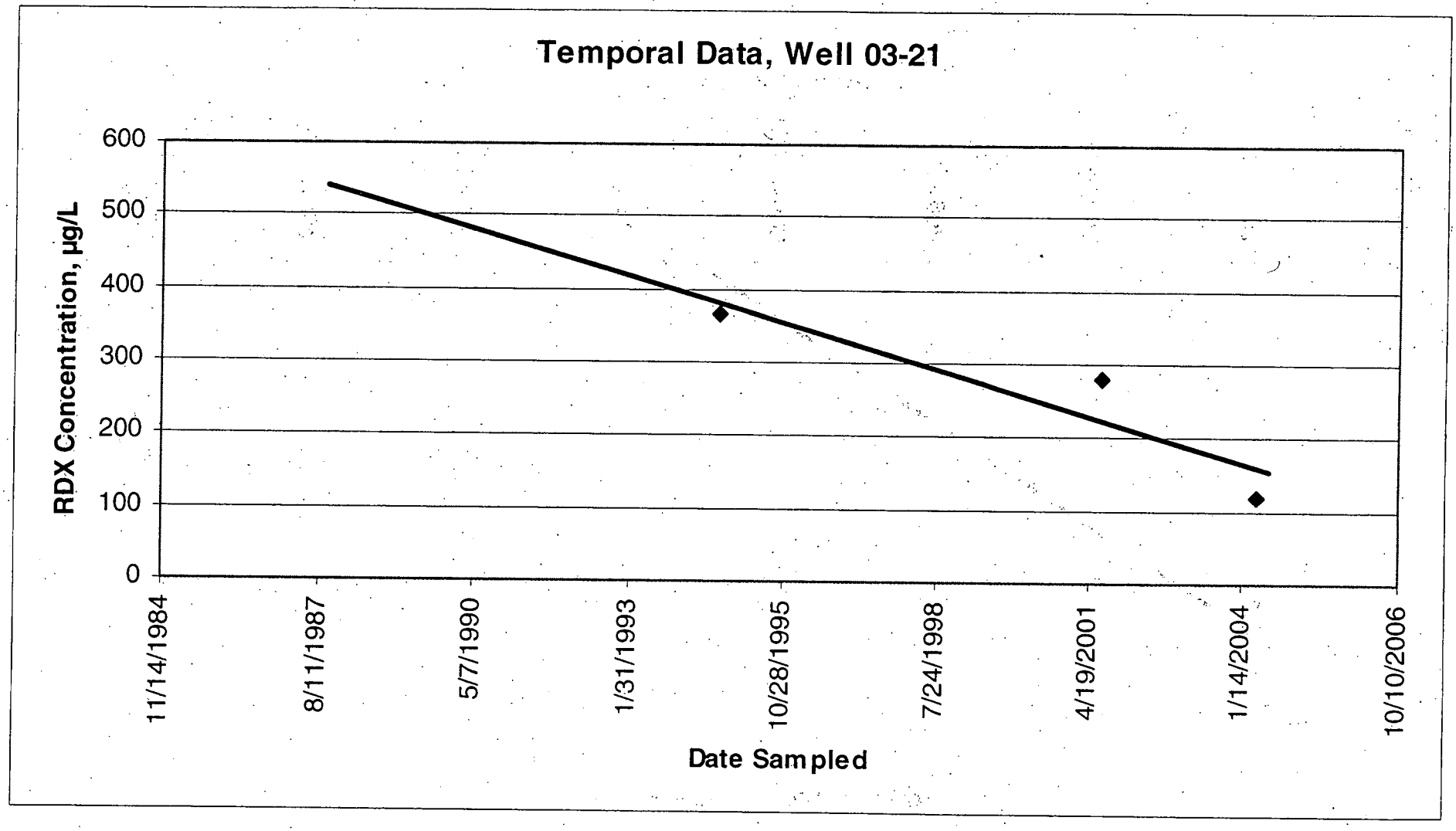

Temporal Data, Well 03-21
RDX Concentration, µg/L
600
500
400
300
200
100
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-28

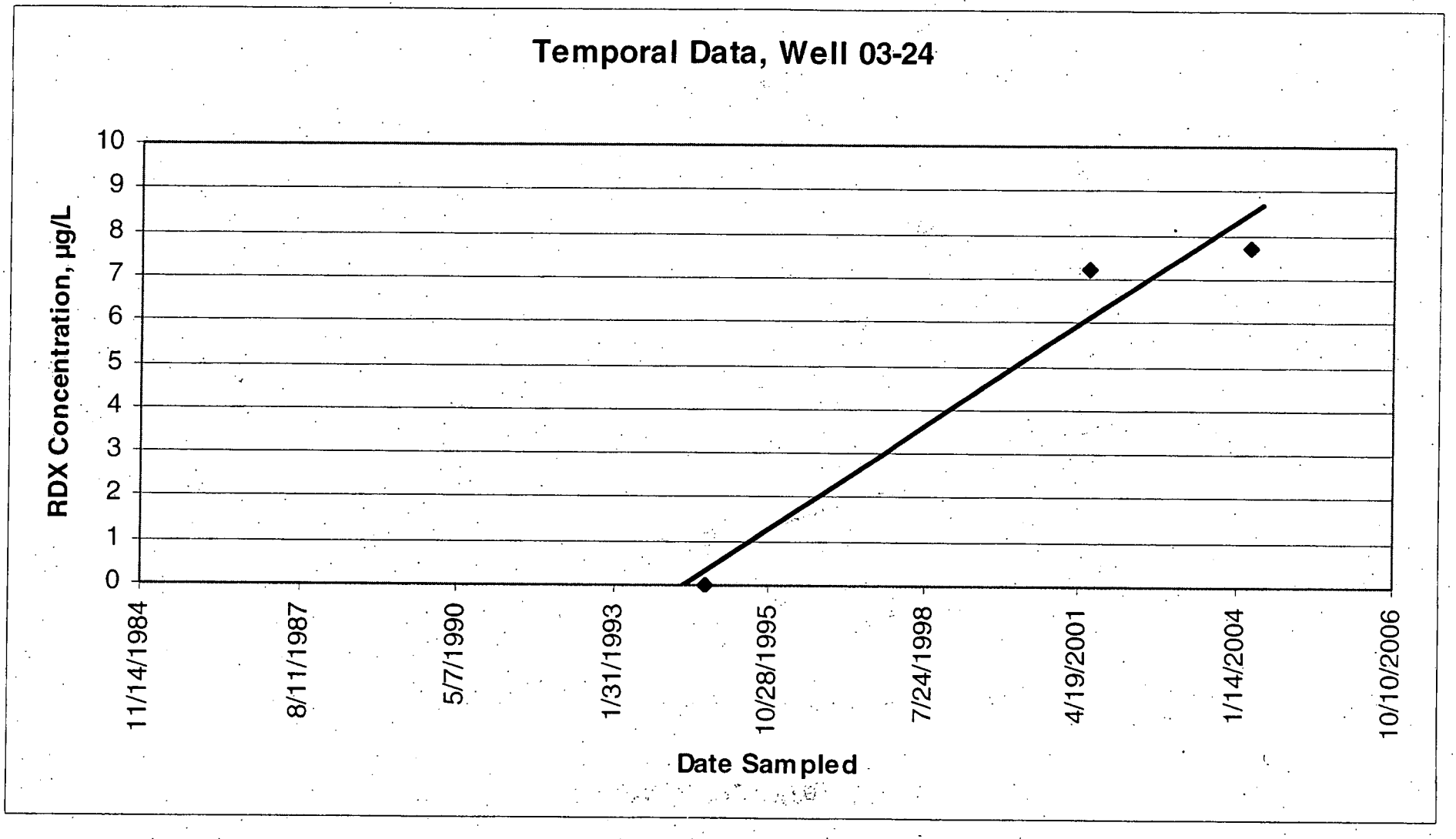
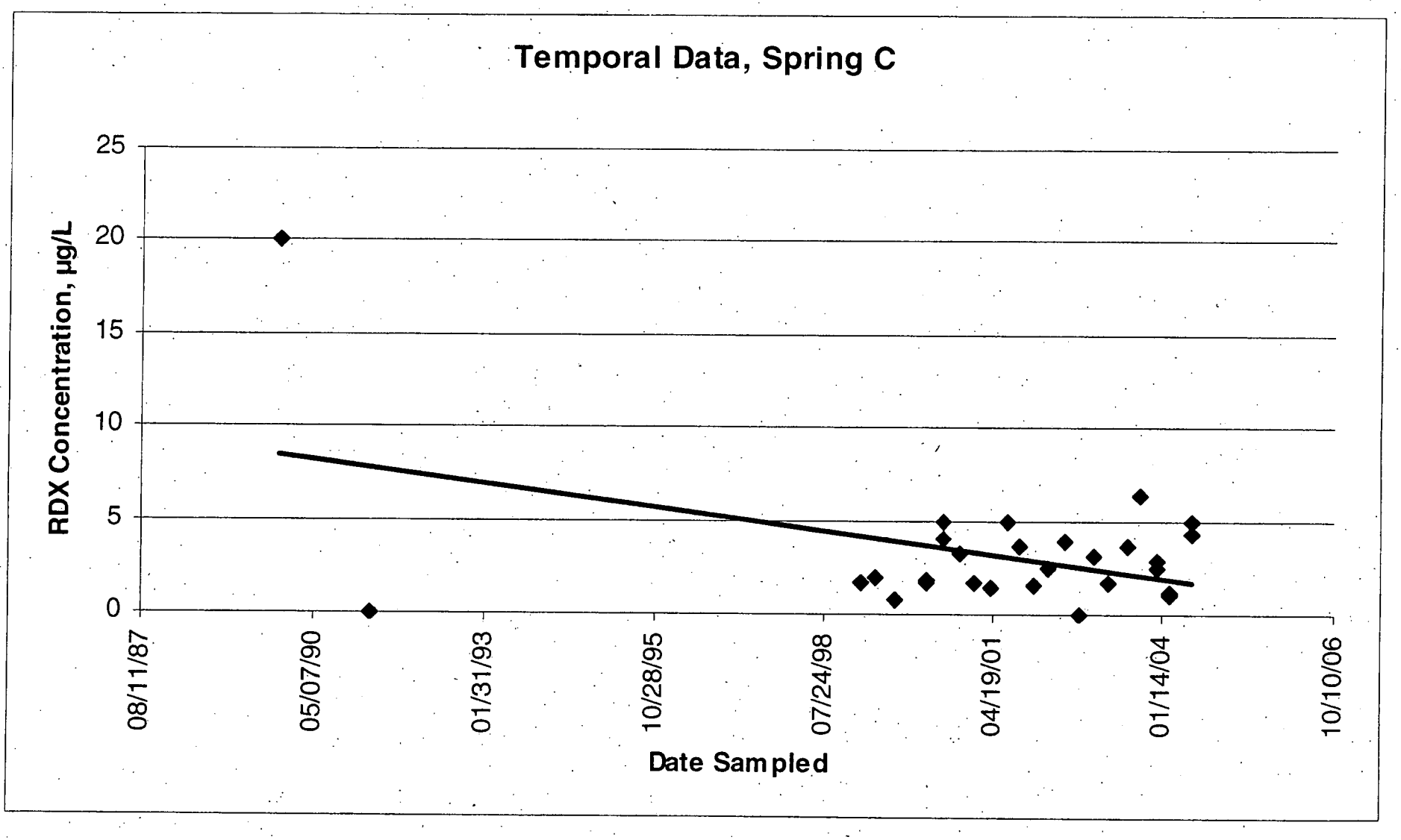

Temporal Data, Well 03-24
RDX Concentration, µg/L
10
9
8
7
6
5
4
3
2
1
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-29


Temporal Data, Spring C
RDX Concentration, µg/L
25
20
15
10
5
0
08/11/87
05/07/90
01/31/93
10/28/95
07/24/98
04/19/01
01/14/04
10/10/06
Date Sampled

OLD JEEP TRAIL — TCE

FIGURE F-30

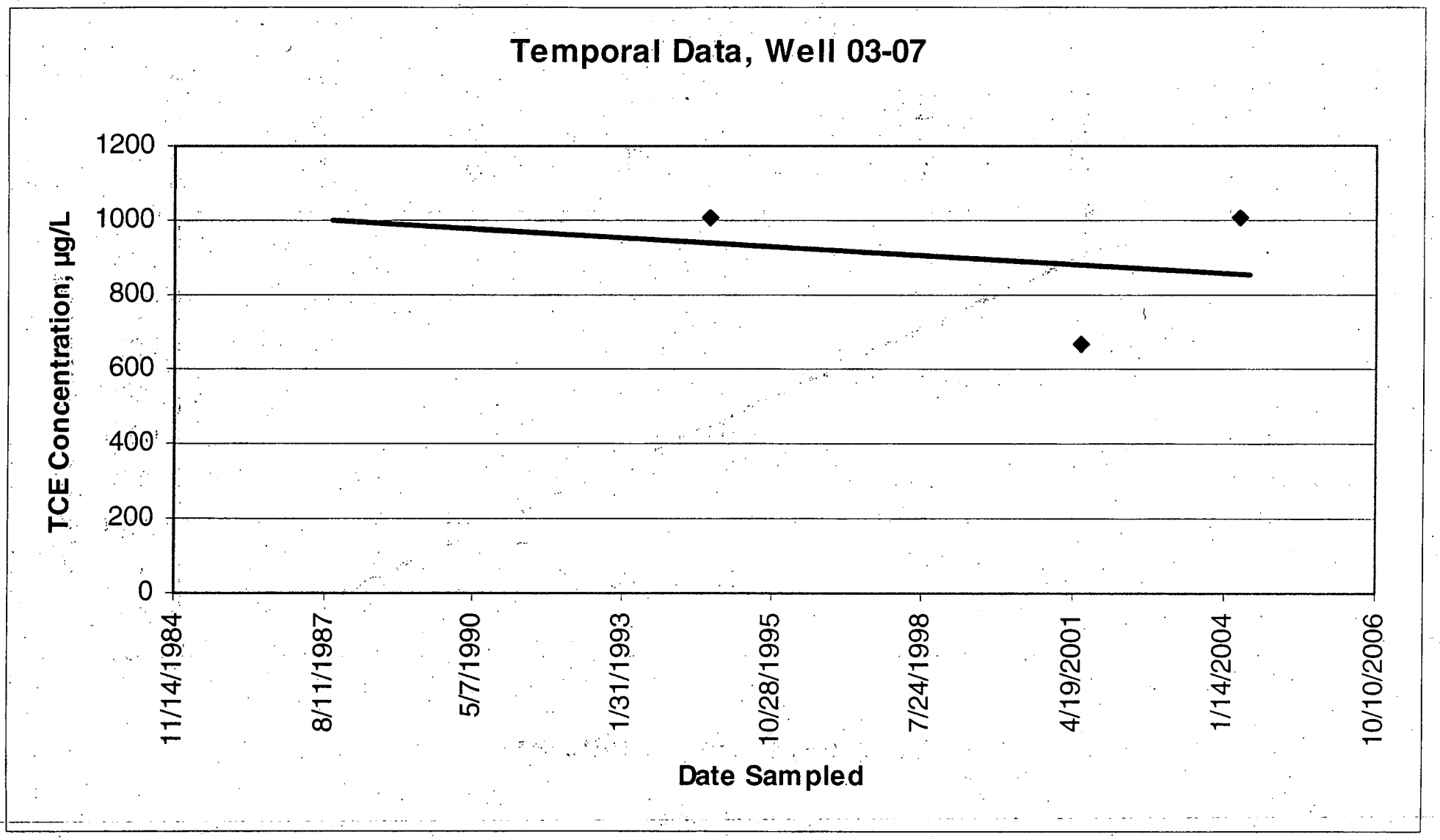

Temporal Data, Well 03-07
TCE Concentration, µg/L
1200
1000
800
600
400
200
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-31

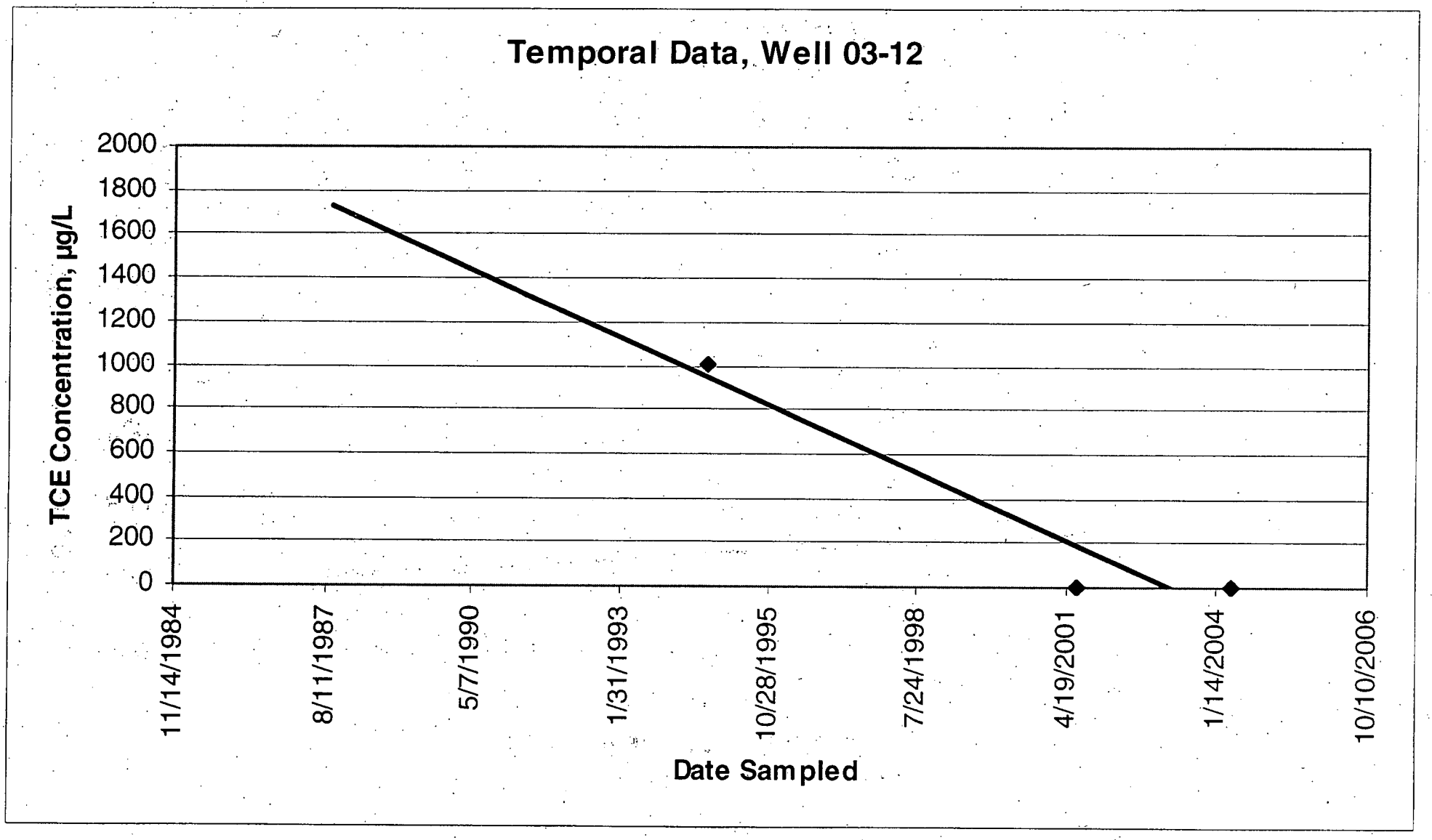

Temporal Data, Well 03-12
TCE Concentration, µg/L
2000
1800
1600
1400
1200
1000
800
600
400
200
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-32

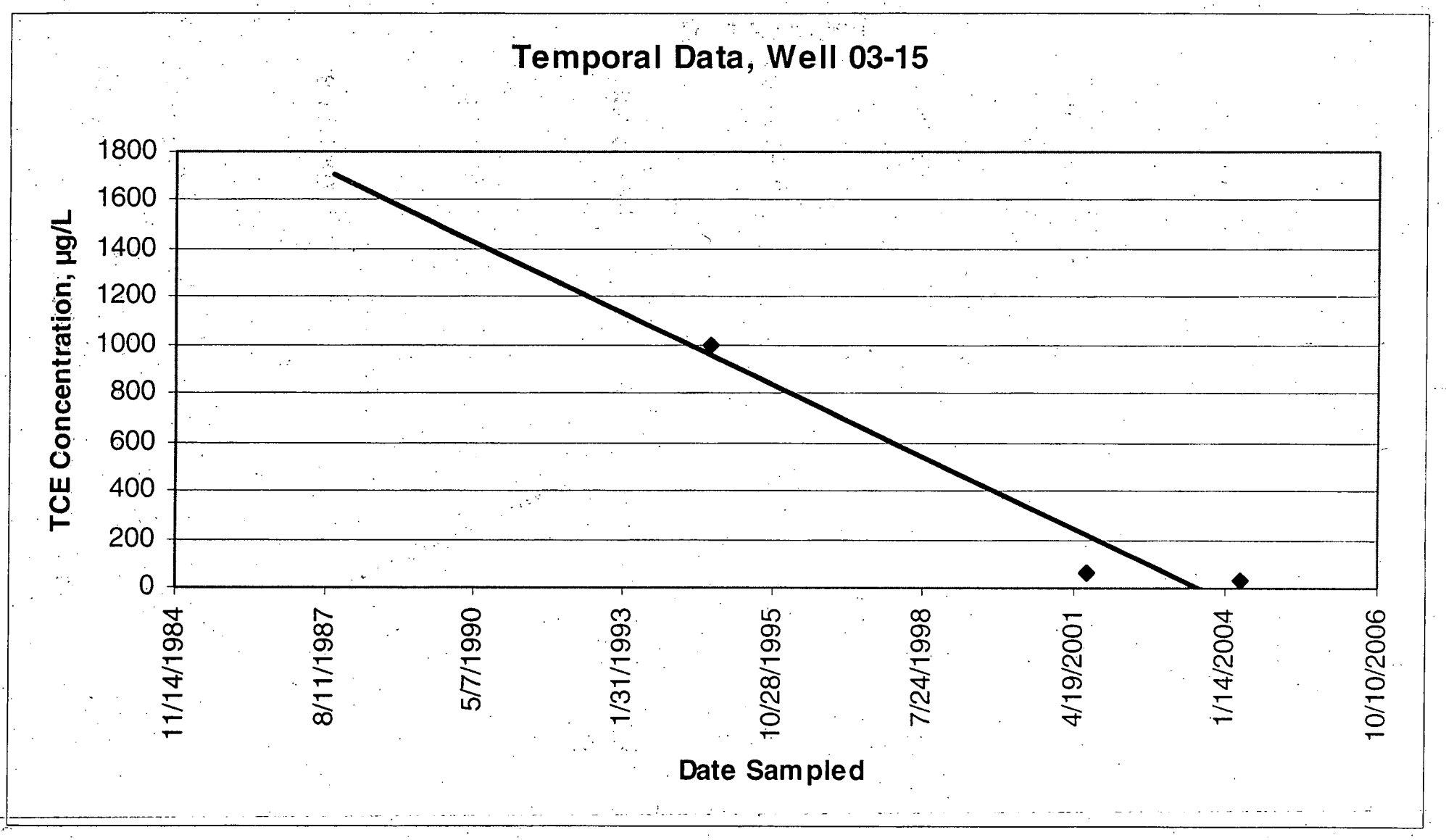
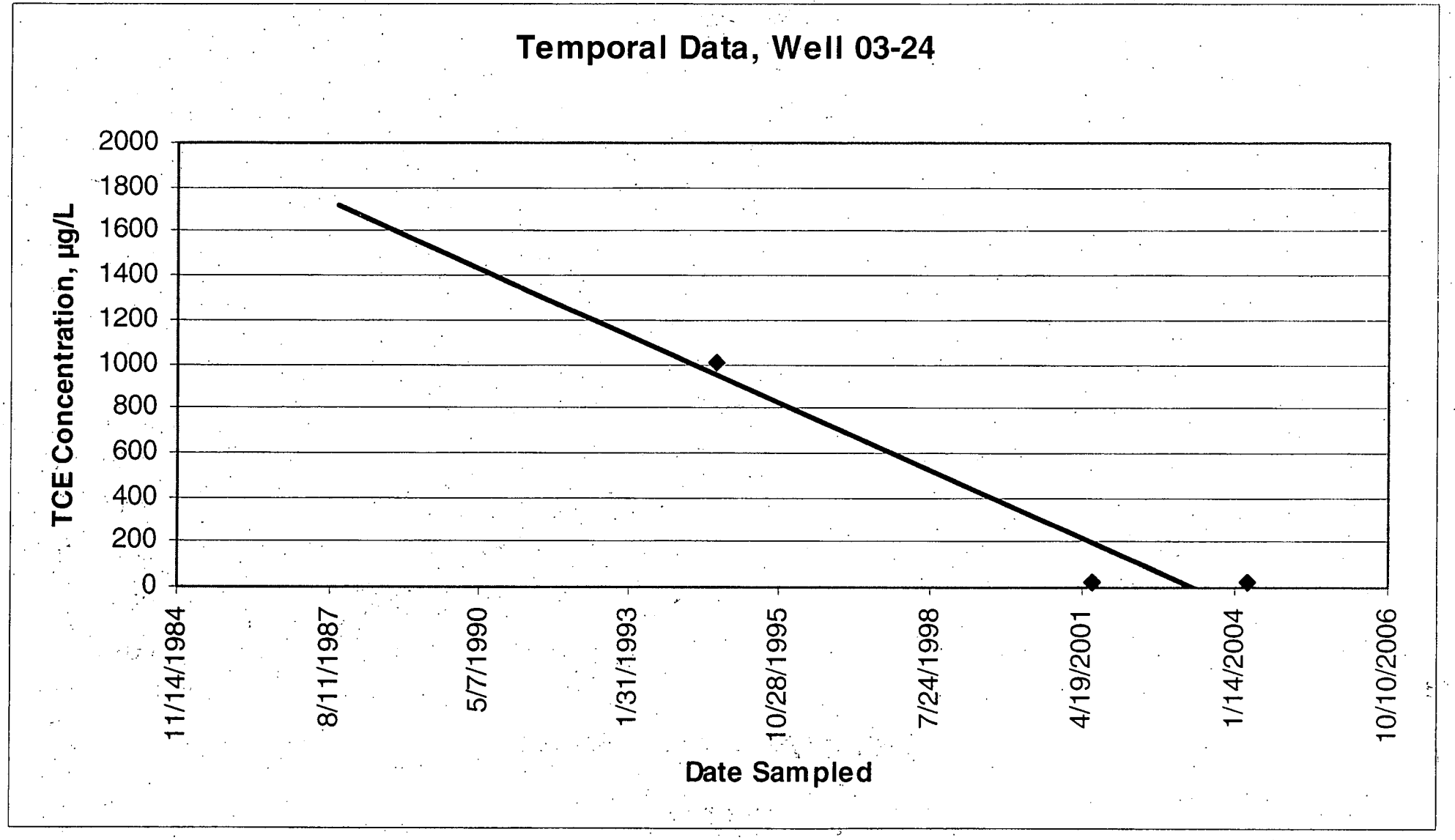

Temporal Data, Well 03-15
TCE Concentration, µg/L
1800
1600
1400
1200
1000
800
600
400
200
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

FIGURE F-33


Temporal Data, Well 03-24
TCE Concentration, µg/L
2000
1800
1600
1400
1200
1000
800
600
400
200
0
11/14/1984
8/11/1987
5/7/1990
1/31/1993
10/28/1995
7/24/1998
4/19/2001
1/14/2004
10/10/2006
Date Sampled

APPENDIX G

DISPOSAL AND CONTAMINATION QUANTITY ESTIMATES

APPENDIX G.1

RDX

The quantity of RDX contaminated soil is approximately 14,000 cubic yards (yd^3). The quantity of RDX in the contaminated soil ranges from approximately 600 to 2,300 pounds (lb).

The quantity of RDX in the contaminated soil was estimated using three sets of data. First, all existing data was reviewed to determine the most likely areas of RDX contamination (e.g., RDX Hotspots). Geographically similar sampling locations were grouped into six locations (i.e., A_{RDX}, B_{RDX}, C_{RDX}, D_{RDX}, E_{RDX}, and F_{RDX}) as indicated in Appendix G Figure G.1-1. Then the surface area of each grouped location was calculated.

When contamination was detected at a specific depth interval [i.e., 0 to 2 feet (ft), 2 to 6 ft, 6 to 10 ft, and 10^+ ft], the depth of the interval was multiplied by the surface area to determine the volume of contaminated soil.

The available sampling data included Army Corp of Engineering (Corp) data from the early 1990s and RCRA Facility Investigation (RFI) data from 2004. Three cases of the available sampling data were utilized in estimating the quantity of RDX contaminated soil and RDX in the contaminated soil as follows:

- Corp and RFI data consolidated,
- RFI data, and
- Corp data.

For each case, the RDX concentration was averaged for each grouped location by depth interval (depth/location specific RDX concentration). Next, the depth/location specific RDX concentration was multiplied by the contaminated soil volume for that depth/location to estimate the quantity of RDX in the contaminated soil at that depth/location.

Finally, the quantity of RDX in the contaminated at each depth/location was summed to determine the total quantity of RDX to be remediated.

2/18/05

Do Not Use

TABLE G.1-1
DRAFT ESTIMATE OF RDX REMEDIATION MASS AND TOTAL CONTAMINATED SOIL MASS – CONSOLIDATED SAMPLE BASIS
NSWC CRANE
CRANE, INDIANA

Contaminant: RDX	Hot Spots					
Parameter	A_{RDX}	B_{RDX}	C_{RDX}	D_{RDX}	E_{RDX}	F_{RDX}
Soil Density [kg/ft^3]	45.36	45.36	45.36	45.36	45.36	45.36
Hot Spot Radius [ft]						
Hot Spot Length [ft]	175	175	200	200	125	125
Hot Spot Width [ft]	175	100	80	200	100	100
Hot Spot Area [ft^2]	30,625	17,500	16,000	40,000	12,500.	12,500.
Soil Interval #1 (0 - 2 ft)						
Thickness$_{(1)}$ [ft]	2	2	2	2	2	2
Vol$_{(1)}$ [ft^3]	61,250.	35,000.	32,000.	80,000.	25,000.	25,000.
Avg Concn$_{(1)}$ [mg/kg]	260.16	138.2	0.41	24.38	0.8	0.45
Contaminant Mass$_{(1)}$ [kg]	722.80	219.4	0.6	88.47	0.91	0.51
Soil Interval #2 (2 - 6 ft)						
Thickness$_{(2)}$ [ft]	4	4	0	0	0	0
Vol$_{(2)}$ [ft^3]	122,500	70,000	0	0.	0.	0.
Avg Concn$_{(2)}$ [mg/kg]	0.48	0.79	0	0	0	0
Contaminant Mass$_{(2)}$ [kg]	2.67	2.51	0.	0.	0.	0.
Soil Interval #3 (6 - 10 ft)						
Thickness$_{(3)}$ [ft]	0	0	0	0	0	0
Vol$_{(3)}$ [ft^3]	0	0	0	0	0.	0.
Avg Concn$_{(3)}$ [mg/kg]	0	0	0	0	0	0
Contaminant Mass$_{(3)}$ [kg]	0.	0.	0.	0.	0.	0.
Soil Interval #4 (> 10 feet)						
Thickness$_{(4)}$ [ft]	0	4	0	0	0	0
Vol$_{(4)}$ [ft^3]	0	70,000.	0.	0.	0.	0.
Avg Concn$_{(4)}$ [mg/kg]	0	0.43	0	0	0	0
Contaminant Mass$_{(4)}$ [kg]	0.	1.3653	0.	0.	0.	0.

Total Soil Mass by Hot Spot[kg]:	8,334,900	7,938,000	1,451,520	3,628,800	1,134,000.	1,134,000.
Total Soil Mass by Hot Spot[yd^3]:	6,806	6,481	1,185	2,963	926	926
Total Contaminant Mass by Hot Spot [kg]:	725.47	223.275	0.6	88.47	0.91	0.51

Total Contaminated Soil Mass All Hot Spots:	16,817,220	[kg]	13,731	[yd^3]
Total Potential Remediation Soil Mass:	23,621,220	[kg]	19,287	[yd^3]
Total Contaminant Mass All Hot Spots:	1,039	[kg]	2,289	[lb]

Procedure:
1. Enter the name or abbreviation of the contaminant in the "Contaminant" area.
2. For each hot spot enter values for the indicated parameters.
a. If a circular hot spot is assumed, enter only a radius (the length and width will be blacked out).
b. If a rectangular hot spot is assumed, enter length and width (the radius will be blanked out).
3. Read masses of soil and contaminants for each hot spot in last two rows.
4. Read total masses of soil and contaminant associated with hot spots in cells labeled as such, below table.
Note: The area of each depth within a given hot spot is assumed to be identical.

Avg — average.
Concn — concentration.
ft — feet.
kg — kilograms.
lb — pounds.
mg — micrograms.
Vol. — volume.
yd^3 — cubic yards.

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 RDX estimate			
ASED ON Sampling Data		DRAWING NUMBER Figure Figure G.1-1	
BY VJPlachy	CHECKED BY JHLucas	APPROVED BY	DATE 9/23/2004

Objective: Estimate mass of RDX contaminated soils and mass of RDX exclusive of non-contaminated soils utilizing consolidated site sampling data.

Inputs and Assumptions:

1. For RDX, the map scale is 1 in_{map} = 500 ft

2. Conversion factors:

1,000,000	kg	=	1	mg
1	in	=	2.54	cm
1	ft	=	12	in
0.454	kg	=	1	lb
45.36	kg	=	1	ft^3

2. Contaminated area size:

	A_{RDX}	B_{RDX}	C_{RDX}	D_{RDX}	E_{RDX}	F_{RDX}
length (ft):	175	175	200	200	125	125
width (ft):	175	100	80	200	100	100

3. Dept Interval

	A_{RDX} 0-2	A_{RDX} 2-6	B_{RDX} 0-2	B_{RDX} 2-6
initial interval depth (ft):	0.	2.	0.	2.
final interval depth (ft):	2.	6.	2.	6.

	B_{RDX} 10^+	C_{RDX} 0-2	D_{RDX} 0-2	D_{RDX} 2-6
initial interval depth (ft):	10.	0.	0.	2.
final interval depth (ft):	14.	2.	2.	6.

	D_{RDX} 10^+	E_{RDX} 0-2	E_{RDX} 2-6	F_{RDX} 0-2	F_{RDX} 10^+
initial interval depth (ft):	10.	0.	2.	0.	10.
final interval depth (ft):	14.	2.	6.	2.	14.

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 RDX estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure Figure G.1-1	
BY VJPlachy	CHECKED BY JHLucas	APPROVED BY	DATE 9/23/2004

Inputs and Assumptions (Continued):

5. Concentration by area by sampling depth:

	A_{RDX} 0-2		A_{RDX} 2-6		B_{RDX} 0-2	
	Data	Sample No.	Data	Sample No.	Data	Sample No.
	1.00	03/10-11-93-1		03/10-11-93-1	0.00	03/10-21-93-1
	0.06	03/10-16-93-1		03/10-16-93-1	0.00	03SB087
	1820.00	03/10-61-93-1		03/10-61-93-1	31.00	03SS119
	0.000	03SB057	0.00	03SB057	660.00	03SS120
	0.040	03SB058	0.00	03SB058	0.00	03SS121
	0.00	03SB059	0.00	03SB059		
	0.00	03SB061	1.90	03SB061		
Avg_{conc} (mg/kg)	260.16		0.48		138.20	

	B_{RDX} 2-6		B_{RDX} 10^+		C_{RDX} 0-2	
	Data	Sample No.	Data	Sample No.	Data	Sample No.
	0.00	03/10-21-93-1		03/10-21-93-1	1.41	03/10-19-93-1
	0.00	03SB087	0.000	03SB087	0.04	03/10-58-93-1
	1.60	03SS119	1.40	03SS119	0.00	03SB079
	2.10	03SS120	0.32	03SS120	0.98	03SB080
	0.27	03SS121	0.00	03SS121	0.00	03SB082
					0.00	03SB083
Avg_{conc} (mg/kg)	0.79		0.43		0.41	

	D_{RDX} 0-2		D_{RDX} 2-6		D_{RDX} 10+	
	Data	Sample No.	Data	Sample No.	Data	Sample No.
	0.00	03/10-33-93-1		03/10-33-93-1		03/10-33-93-1
	1.00	03/10-64-93-1	0.00	03/10-64-93-1		03/10-64-93-1
	192.00	03/10-69-93-1	0.00	03/10-69-93-1		03/10-69-93-1
	1.00	03/10-70-93-1	0.00	03/10-70-93-1	0.00	03/10-70-93-1
	1.00	03/10-71-93-1	0.00	03/10-71-93-1		03/10-71-93-1
	0.00	03SB097	0.00	03SB097		03SB097
	0.00	03SB098	0.00	03SB098		03SB098
	0.00	03SB099	0.00	03SB099		03SB099
Avg_{conc} (mg/kg)	24.38		0.00		0.00	

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 RDX estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure Figure G.1-1	
BY VJPlachy	CHECKED BY JHLucas	APPROVED BY	DATE 9/23/2004

Inputs and Assumptions (Continued):

5. Concentration by area by sampling depth (Continued):

	E_{RDX} 0-2		F_{RDX} 0-2	
	Data	Sample No.	Data	Sample No.
	0.24	03/10-31-93-1	1.35	03/10-35-93-1
	1.36	03/10-67-93-1	0.00	03SB091
			0.00	03SB093
Avg_{conc} (mg/kg)	0.80		0.45	

6. Acronyms

0-2 = 0 to 2 ft depth
2-6 = 2 to 6 ft depth
6-10 = 6 to 10 ft depth
Avg = average
cm = centimeters
conc = concentration
Cx = concentration identifier

ft = feet
ft^3 = cubic feet
in = inches
kg = kilograms
lb = pounds
No. = number
mg/kg = miligrams per kilogram
Vol = volume

Calculations:

1. Area of each RDX Area in ft^2:

	A-RDX	B-RDX	C-RDX	D-RDX	E-RDX	F-RDX
length (ft):	175.	175.	200.	200.	125.	125.
width (ft):	175.	100.	80.	200.	100.	100.
area (ft^2):	30,625.	17,500.	16,000.	40,000.	12,500.	12,500.

Example Calculations:

$A_{RDXAREA}$ = | 175 length (ft) | 175 width (ft) |

= 30,625. ft^2

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 RDX estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure Figure G.1-1	
BY VJPlachy	CHECKED BY JHLucas	APPROVED BY	DATE 9/23/2004

Calculations (Continued):

2. Calculate the volume of contaminated soil for each interval and each location:

	A_{RDX} 0-2	A_{RDX} 2-6	B_{RDX} 0-2	B_{RDX} 2-6	B_{RDX} 10^+
initial interval depth (ft):	0.	2.	0.	2.	10.
final interval depth (ft):	2.	6.	2.	6.	14.
area (ft^2):	30,625.	30,625.	17,500.	17,500.	17,500.
volume (ft^3):	61,250.	122,500.	35,000.	70,000.	70,000.

	C_{RDX} 0-2	D_{RDX} 0-2	D_{RDX} 2-6	D_{RDX} 10^+	E_{RDX} 0-2
initial interval depth (ft):	0.	0.	2.	10.	0.
final interval depth (ft):	2.	2.	6.	14.	2.
area (ft^2):	16,000.	40,000.	40,000.	40,000.	12,500.
volume (ft^3):	32,000.	80,000.	160,000.	160,000.	25,000.

	E_{RDX} 2-6	F_{RDX} 0-2	F_{RDX} 10^+
initial interval depth (ft):	2.	0.	10.
final interval depth (ft):	6.	2.	14.
area (ft^2):	12,500.	12,500.	12,500.
volume (ft^3):	50,000.	25,000.	50,000.

Example Calculations:

A-RDXvolume = ‖final interval depth (ft) - initial interval depth (ft) ‖ * | area (ft^2) |

= ‖ 2 - 0 ft ‖ 30,625. ft^2|

= 61,250 ft^3

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 RDX estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure Figure G.1-1	
BY VJPlachy	CHECKED BY JHLucas	APPROVED BY	DATE 9/23/2004

Calculations (Continued):

3. Calculate the total contaminated mass per interval in kg and lb:

	A_{RDX} 0-2	A_{RDX} 2-6	B_{RDX} 0-2	B_{RDX} 2-6	B_{RDX} 10^+
$volume_{soil}$ (ft^3):	61,250.	122,500.	35,000.	70,000.	70,000.
$mass_{soil}$ (kg):	2,778,300.	5,556,600.	1,587,600.	3,175,200.	3,175,200.
$mass_{soil}$ (lb):	6,119,604.	12,239,207.	3,496,916.	6,993,833.	6,993,833.

	C_{RDX} 0-2	D_{RDX} 0-2	D_{RDX} 2-6	D_{RDX} 10^+
$volume_{soil}$ (ft^3):	32,000.	80,000.	160,000.	160,000.
$mass_{soil}$ (kg):	1,451,520.	3,628,800.	7,257,600.	7,257,600.
$mass_{soil}$ (lb):	3,197,181.	7,992,952.	15,985,903.	15,985,903.

	E_{RDX} 0-2	E_{RDX} 2-6	F_{RDX} 0-2	F_{RDX} 10^+
$volume_{soil}$ (ft^3):	25,000.	50,000.	25,000.	50,000.
$mass_{soil}$ (kg):	1,134,000.	2,268,000.	1,134,000.	2,268,000.
$mass_{soil}$ (lb):	2,497,797.	4,995,595.	2,497,797.	4,995,595.

Example Calculations:

$$A_{RDX\text{-}SOIL(kg)} = \left| \frac{61{,}250 \ ft^3}{} \right| \left| \frac{45.36 \ kg}{1 \ ft^3} \right|$$

$$= 2{,}778{,}300 \ kg$$

$$A_{RDX\text{-}SOIL(lb)} = \left| \frac{160{,}000 \ kg}{} \right| \left| \frac{1 \ lb}{0.454 \ kg} \right|$$

$$= 352{,}423 \ lb$$

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 RDX estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure Figure G.1-1	
BY VJPlachy	CHECKED BY JHLucas	APPROVED BY	DATE 9/23/2004

Calculations (Continued):

4. Calculate the RDX contaminated mass per interval in kg and lb:

	A_{RDX} 0-2	A_{RDX} 2-6	B_{RDX} 0-2	B_{RDX} 2-6	B_{RDX} 10^+
$mass_{soil}$ (kg):	2,778,300.	5,556,600.	1,587,600.	3,175,200.	3,175,200.
RDX (mg/kg):	260.16	0.48	138.2	0.79	0.43
$mass_{RDX}$ (kg):	722.8	2.67	219.41	2.51	1.37
$mass_{RDX}$ (lb):	1,592.07	5.88	483.28	5.53	3.02

	C_{RDX} 0-2	D_{RDX} 0-2	D_{RDX} 2-6	D_{RDX} 10^+	E_{RDX} 0-2
$mass_{soil}$ (kg):	1,451,520.	3,628,800.	7,257,600.	7,257,600.	1,134,000.
RDX (mg/kg):	0.41	24.38	0.	0.	0.8
$mass_{RDX}$ (kg):	0.6	88.47	0.	0.	0.91
$mass_{RDX}$ (lb):	1.32	194.87	0.	0.	2.

	F_{RDX} 0-2	
$mass_{soil}$ (kg):	1,134,000.	
RDX (mg/kg):	0.45	**TOTAL**
$mass_{RDX}$ (kg):	0.51	1,039
$mass_{RDX}$ (lb):	1.12	2,289

Example Calculations:

$$A_{RDX\text{-}conc(kg)} = \left| \frac{2{,}778{,}300\ kg_{soil}}{} \right| \left| \frac{260\ mg_{RDX}}{1\ kg_{soil}} \right| \left| \frac{1\ mg}{1{,}000{,}000\ kg} \right|$$

$$= 722.36\ kg$$

$$A_{RDX\text{-}conc(lb)} = \left| \frac{722.36\ kg}{} \right| \left| \frac{1\ lb}{0.454\ kg} \right|$$

$$= 1{,}591\ lb$$

TAB[illegible].1-2

DRAFT ESTIMATE OF RDX REMEDIATION MASS AND TOTAL CONTAMINATED SOIL MASS -- TtNUS SAMPLE BASIS

NSWC CRANE

CRANE, INDIANA

Contaminant: RDX	**Hot Spots**					
Parameter	A_{RDX}	B_{RDX}	C_{RDX}	D_{RDX}	E_{RDX}	F_{RDX}
Soil Density [kg/ft^3]	45.36	45.36	45.36	45.36	45.36	45.36
Hot Spot Radius [ft]						
Hot Spot Length [ft]	175	175	200	200	50	125
Hot Spot Width [ft]	175	100	80	200	50	100
Hot Spot Area [ft^2]	30,625	17,500	16,000	40,000	2,500.	12,500.
Soil Interval #1 (0 - 2 ft)						
Thickness$_{(1)}$ [ft]	2.	2.	2.	2.		2.
Vol$_{(1)}$ [ft^3]	61,250.	35,000.	32,000.	80,000.	0.	25,000.
Avg Concn$_{(1)}$ [mg/kg]	0.01	172.75	0.25	0.	0.	0.
Contaminant Mass$_{(1)}$ [kg]	MDL? 0.03	274.3	0.36	0.	0.	0.
Soil Interval #2 (2 - 6 ft)						
Thickness$_{(2)}$ [ft]	4	4	0	0	0	0
Vol$_{(2)}$ [ft^3]	122,500	70,000	0	0.	0.	0.
Avg Concn$_{(2)}$ [mg/kg]	0.48	0.99	0.	0.	0.	0.
Contaminant Mass$_{(2)}$ [kg]	2.67	3.14	0.	0.	0.	0.
Soil Interval #3 (6 - 10 ft)						
Thickness$_{(3)}$ [ft]	0	0	0	0	0	0
Vol$_{(3)}$ [ft^3]	0	0	0	0	0.	0.
Avg Concn$_{(3)}$ [mg/kg]	0	0	0	0	0	0
Contaminant Mass$_{(3)}$ [kg]	0.	0.	0.	0.	0.	0.
Soil Interval #4 (> 10 feet)						
Thickness$_{(4)}$ [ft]	0	4	0	0	0	0
Vol$_{(4)}$ [ft^3]	0	70,000.	0.	0.	0.	0.
Avg Concn$_{(4)}$ [mg/kg]	0	0.43	0	0	0	0
Contaminant Mass$_{(4)}$ [kg]	0.	1.3653	0.	0.	0.	0.

Total Soil Mass by Hot Spot[kg]:	8,334,900	7,938,000	1,451,520	3,628,800	0.	1,134,000.
Total Soil Mass by Hot Spot[yd^3]:	6,806	6,481	1,185	2,963	0	926
Total Contaminant Mass by Hot Spot [kg]:	2.7	278.805	0.36	0.	0.	0.

Total Contaminated Soil Mass All Hot Spots:	15,683,220	[kg]	12,806	[yd^3]
Total Potential Remediation Soil Mass:	22,487,220	[kg]	18,361	[yd^3]
Total Contaminant Mass All Hot Spots:	282	[kg]	621.1	[lb]

Procedure:

1. Enter the name or abbreviation of the contaminant in the "Contaminant" area.
2. For each hot spot enter values for the indicated parameters.
   a. If a circular hot spot is assumed, enter only a radius (the length and width will be blacked out).
   b. If a rectangular hot spot is assumed, enter length and width (the radius will be blanked out).
3. Read masses of soil and contaminants for each hot spot in last two rows.
4. Read total masses of soil and contaminant associated with hot spots in cells labeled as such, below table.

Note: The area of each depth within a given hot spot is assumed to be identical.

Avg — average.
Concn — concentration.
ft — feet.
kg — kilograms.
lb — pounds.
mg — micrograms.
Vol. — volume.
yd^3 — cubic yards.

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 RDX estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure G.1-1	
BY VJPlachy	CHECKED BY JHLucas	APPROVED BY	DATE 9/23/2004

Objective: Estimate mass of RDX contaminated soils and mass of RDX exclusive of non-contaminated soils utilizing the 2004 TtNUS sampling data.

Inputs and Assumptions:

1. For RDX, the map scale is 1 in_{map} = 500 ft

2. Conversion factors:

1,000,000	kg	=	1	mg
1	in	=	2.54	cm
1	ft	=	12	in
0.454	kg	=	1	lb
45.36	kg	=	1	ft^3

2. Contaminated area size:

	A_{RDX}	B_{RDX}	C_{RDX}	D_{RDX}	F_{RDX}
length (ft):	175	175	200	200	125
width (ft):	175	100	80	200	100

3. Dept Interval

	A_{RDX} 0-2	A_{RDX} 2-6	B_{RDX} 0-2	B_{RDX} 2-6
initial interval depth (ft):	0.	2.	0.	2.
final interval depth (ft):	2.	6.	2.	6.

	B_{RDX} 10^+	C_{RDX} 0-2	D_{RDX} 0-2	D_{RDX} 2-6
initial interval depth (ft):	10.	0.	0.	2.
final interval depth (ft):	14.	2.	2.	6.

	D_{RDX} 10^+	F_{RDX} 0-2	F_{RDX} 10^+
initial interval depth (ft):	10.	0.	10.
final interval depth (ft):	14.	2.	14.

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 RDX estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure G.1-1	
BY VJPlachy	CHECKED BY JHLucas	APPROVED BY	DATE 9/23/2004

Inputs and Assumptions (Continued):

5. Concentration by area by sampling depth:

	A_{RDX} 0-2		A_{RDX} 2-6		B_{RDX} 0-2	
	Data	Sample No.	Data	Sample No.	Data	Sample No.
	0.00	03SB057	0.00	03SB057	0.00	03SB087
	0.035	03SB058	0.00	03SB058	31.00	03SS119
	0.00	03SB059	0.00	03SB059	660.00	03SS120
	0.00	03SB061	1.90	03SB061	0.00	03SS121
Avg_{conc} (mg/kg)	0.01		0.48		172.75	

	B_{RDX} 2-6		B_{RDX} 10^{+}		C_{RDX} 0-2	
	Data	Sample No.	Data	Sample No.	Data	Sample No.
	0.00	03SB087	0.000	03SB087	0.00	03SB079
	1.60	03SS119	1.40	03SS119	0.98	03SB080
	2.10	03SS120	0.32	03SS120	0.00	03SB082
	0.27	03SS121	0.00	03SS121	0.00	03SB083
Avg_{conc} (mg/kg)	0.99		0.43		0.25	

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 RDX estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure G.1-1	
BY VJPlachy	CHECKED BY JHLucas	APPROVED BY	DATE 9/23/2004

Inputs and Assumptions (Continued):

	D_{RDX} 0-2		D_{RDX} 2-6		F_{RDX} 0-2	
	Data	Sample No.	Data	Sample No.	Data	Sample No.
	0.00	03SB097	0.00	03SB097	0.00	03SB091
	0.00	03SB098	0.00	03SB098	0.00	03SB093
	0.00	03SB099	0.00	03SB099		
Avg_{conc} (mg/kg)	0.00		0.00		0.00	

6. Acronyms

0-2 = 0 to 2 ft depth
2-6 = 2 to 6 ft depth
6-10 = 6 to 10 ft depth
Avg = average
cm = centimeters
conc = concentration
Cx = concentration identifier
ft = feet
ft^3 = cubic feet
in = inches
kg = kilograms
lb = pounds
No. = number
mg/kg = miligrams per kilogram
Vol = volume

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 RDX estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure G.1-1	
BY VJPlachy	CHECKED BY JHLucas	APPROVED BY	DATE 9/23/2004

Calculations:

1. Area of each RDX Area in ft^2:

	A-RDX	B-RDX	C-RDX	D-RDX	F-RDX
length (ft):	175.	175.	200.	200.	125.
width (ft):	175.	100.	80.	200.	100.
area (ft^2):	30,625.	17,500.	16,000.	40,000.	12,500.

Example Calculations:

$A_{RDXAREA}$ = | 175 length (ft) | 175 width (ft) |

= 30,625. ft^2

2. Calculate the volume of contaminated soil for each interval and each location:

	A_{RDX} 0-2	A_{RDX} 2-6	B_{RDX} 0-2	B_{RDX} 2-6	B_{RDX} 10^+
initial interval depth (ft):	0.	2.	0.	2.	10.
final interval depth (ft):	2.	6.	2.	6.	14.
area (ft^2):	30,625.	30,625.	17,500.	17,500.	17,500.
volume (ft^3):	61,250.	122,500.	35,000.	70,000.	70,000.

	C_{RDX} 0-2	D_{RDX} 0-2	D_{RDX} 2-6	D_{RDX} 10^+
initial interval depth (ft):	0.	0.	2.	10.
final interval depth (ft):	2.	2.	6.	14.
area (ft^2):	16,000.	40,000.	40,000.	40,000.
volume (ft^3):	32,000.	80,000.	160,000.	160,000.

	F_{RDX} 0-2	F_{RDX} 10^+
initial interval depth (ft):	0.	10.
final interval depth (ft):	2.	14.
area (ft^2):	12,500.	12,500.
volume (ft^3):	25,000.	50,000.

Example Calculations:

A-RDXvolume = ‖final interval depth (ft) - initial interval depth (ft) ‖ * | area (ft^2) |

= ‖ 2 - 0 ft ‖ 30,625. ft^2|

= 61,250 ft^3

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 RDX estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure G.1-1	
BY VJPlachy	CHECKED BY JHLucas	APPROVED BY	DATE 9/23/2004

Calculations (Continued):

3. Calculate the total contaminated mass per interval in kg and lb:

	A_{RDX} 0-2	A_{RDX} 2-6	B_{RDX} 0-2	B_{RDX} 2-6	B_{RDX} 10^+
$volume_{soil}$ (ft^3):	61,250.	122,500.	35,000.	70,000.	70,000.
$mass_{soil}$ (kg):	2,778,300.	5,556,600.	1,587,600.	3,175,200.	3,175,200.
$mass_{soil}$ (lb):	6,119,604.	12,239,207.	3,496,916.	6,993,833.	6,993,833.

	C_{RDX} 0-2	D_{RDX} 0-2	D_{RDX} 2-6	D_{RDX} 10^+
$volume_{soil}$ (ft^3):	32,000.	80,000.	160,000.	160,000.
$mass_{soil}$ (kg):	1,451,520.	3,628,800.	7,257,600.	7,257,600.
$mass_{soil}$ (lb):	3,197,181.	7,992,952.	15,985,903.	15,985,903.

	F_{RDX} 0-2	F_{RDX} 10^+
$volume_{soil}$ (ft^3):	25,000.	50,000.
$mass_{soil}$ (kg):	1,134,000.	2,268,000.
$mass_{soil}$ (lb):	2,497,797.	4,995,595.

Example Calculations:

$$A_{RDX\text{-}SOIL(kg)} = \left| \frac{61{,}250 \quad ft^3}{} \right| \left| \frac{45.36 \quad kg}{1 \quad ft^3} \right|$$

$$= 2{,}778{,}300 \quad kg$$

$$A_{RDX\text{-}SOIL(lb)} = \left| \frac{160{,}000 \quad kg}{} \right| \left| \frac{1 \quad lb}{0.454 \quad kg} \right|$$

$$= 352{,}423 \quad lb$$

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 RDX estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure G.1-1	
BY VJPlachy	CHECKED BY JHLucas	APPROVED BY	DATE 9/23/2004

Calculations (Continued):

4. Calculate the RDX contaminated mass per interval in kg and lb:

	A_{RDX} 0-2	A_{RDX} 2-6	B_{RDX} 0-2	B_{RDX} 2-6	B_{RDX} 10^+
$mass_{soil}$ (kg):	2,778,300.	5,556,600.	1,587,600.	3,175,200.	3,175,200.
RDX (mg/kg):	0.01	0.48	172.75	0.99	0.43
$mass_{RDX}$ (kg):	0.03	2.67	274.26	3.14	1.37
$mass_{RDX}$ (lb):	0.07	5.88	604.1	6.92	3.02

	C_{RDX} 0-2	D_{RDX} 0-2	D_{RDX} 2-6
$mass_{soil}$ (kg):	1,451,520.	3,628,800.	7,257,600.
RDX (mg/kg):	0.25	0.	0.
$mass_{RDX}$ (kg):	0.36	0.	0.
$mass_{RDX}$ (lb):	0.79	0.	0.

	F_{RDX} 0-2	
$mass_{soil}$ (kg):	1,134,000.	
RDX (mg/kg):	0.	**TOTAL**
$mass_{RDX}$ (kg):	0.	282
$mass_{RDX}$ (lb):	0.	621

Example Calculations:

$$A_{RDX\text{-}conc(kg)} = \left| \frac{2{,}778{,}300\ kg_{soil}}{} \right| \left| \frac{0.01\ mg_{RDX}}{1\ kg_{soil}} \right| \left| \frac{1\ mg}{1{,}000{,}000\ kg} \right|$$

$$= 0.03\ kg$$

$$A_{RDX\text{-}conc(lb)} = \left| \frac{0.03\ kg}{} \right| \left| \frac{1.00\ lb}{0.454\ kg} \right|$$

$$= 0.07\ lb$$

TABLE G.1-3
DRAFT ESTIMATE OF RDX REMEDIATION MASS AND TOTAL CONTAMINATED SOIL MASS – HISTORICAL SAMPLE BASIS
NSWC CRANE
CRANE, INDIANA

Contaminant: RDX	Hot Spots					
Parameter	A_{RDX}	B_{RDX}	C_{RDX}	D_{RDX}	E_{RDX}	F_{RDX}
Soil Density [kg/ft^3]	45.36	45.36	45.36	45.36	45.36	45.36
Hot Spot Radius [ft]						
Hot Spot Length [ft]	175.	175.	200.	200.	50.	125.
Hot Spot Width [ft]	175.	100.	80.	200.	50.	100.
Hot Spot Area [ft^2]	30,625	17,500	16,000	40,000	2,500.	12,500.
Soil Interval #1 (0 - 2 ft)						
Thickness$_{(1)}$ [ft]	2.	2.	2.	2.	2.	2.
Vol$_{(1)}$ [ft^3]	61,250.	35,000.	32,000.	80,000.	5,000.	25,000.
Avg Concn$_{(1)}$ [mg/kg]	607.02	0.	0.73	39.	0.8	1.35
Contaminant Mass$_{(1)}$ [kg]	1,686.48	0.0	1.06	141.52	0.18	1.53
Soil Interval #2 (2 - 6 ft)						
Thickness$_{(2)}$ [ft]	4.	4.	0.	0.	0.	0.
Vol$_{(2)}$ [ft^3]	122,500	70,000	0	0.	0.	0.
Avg Concn$_{(2)}$ [mg/kg]	0.	0.	0.	0.	0.	0.
Contaminant Mass$_{(2)}$ [kg]	0.	0.	0.	0.	0.	0.
Soil Interval #3 (6 - 10 ft)						
Thickness$_{(3)}$ [ft]	0.	0.	0.	0.	0.	0.
Vol$_{(3)}$ [ft^3]	0	0	0	0	0.	0.
Avg Concn$_{(3)}$ [mg/kg]	0.	0.	0.	0.	0.	0.
Contaminant Mass$_{(3)}$ [kg]	0.	0.	0.	0.	0.	0.
Soil Interval #4 (> 10 feet)						
Thickness$_{(4)}$ [ft]	0.	4.	0.	0.	0.	0.
Vol$_{(4)}$ [ft^3]	0	70,000.	0.	0.	0.	0.
Avg Concn$_{(4)}$ [mg/kg]	0.	0.	0.	0.	0.	0.
Contaminant Mass$_{(4)}$ [kg]	0.	0.	0.	0.	0.	0.

Total Soil Mass by Hot Spot[kg]:	8,334,900	7,938,000	1,451,520	3,628,800	226,800.	1,134,000.
Total Soil Mass by Hot Spot[yd^3]:	6,806	6,481	1,185	2,963	185	926
Total Contaminant Mass by Hot Spot [kg]:	1,686.48	0.	1.06	141.52	0.18	1.53

Total Contaminated Soil Mass All Hot Spots:	15,910,020	[kg]	12,991	[yd^3]
Total Potential Remediation Soil Mass:	22,714,020	[kg]	18,546	[yd^3]
Total Contaminant Mass All Hot Spots:	1,831	[kg]	4,033	[lb]

Procedure:
1. Enter the name or abbreviation of the contaminant in the "Contaminant" area.
2. For each hot spot enter values for the indicated parameters.
a. If a circular hot spot is assumed, enter only a radius (the length and width will be blacked out)
b. If a rectangular hot spot is assumed, enter length and width (the radius will be blanked out).
3. Read masses of soil and contaminants for each hot spot in last two rows.
4. Read total masses of soil and contaminant associated with hot spots in cells labeled as such, below table.
Note: The area of each depth within a given hot spot is assumed to be identical.

Avg — average.
Concn — concentration.
ft — feet.
kg — kilograms.
lb — pounds.
mg — micrograms.
Vol. — volume.
yd^3 — cubic yards.

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 RDX estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure G.1-1	
BY VJPlachy	CHECKED BY JHLucas	APPROVED BY	DATE 9/23/2004

Objective: Estimate mass of RDX contaminated soils and mass of RDX exclusive of non-contaminated soils utilizing historic sampling data.

Inputs and Assumptions:

1. For RDX, the map scale is 1 in_{map} = 500 ft

2. Conversion factors:

1,000,000	kg	=	1	mg
1	in	=	2.54	cm
1	ft	=	12	in
0.454	kg	=	1	lb
45.36	kg	=	1	ft^3

2. Contaminated area size:

	A_{RDX}	B_{RDX}	C_{RDX}	D_{RDX}	E_{RDX}	F_{RDX}
length (ft):	175	175	200	200	50	125
width (ft):	175	100	80	200	50	100

3. Dept Interval

	A_{RDX} 0-2	B_{RDX} 0-2	B_{RDX} 2-6
initial interval depth (ft):	0.	0.	2.
final interval depth (ft):	2.	2.	6.

	C_{RDX} 0-2	D_{RDX} 0-2	D_{RDX} 2-6	D_{RDX} 10^+
initial interval depth (ft):	0.	0.	2.	10.
final interval depth (ft):	2.	2.	6.	14.

	E_{RDX} 0-2	E_{RDX} 2-6	F_{RDX} 0-2	F_{RDX} 10^+
initial interval depth (ft):	0.	2.	0.	10.
final interval depth (ft):	2.	6.	2.	14.

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 RDX estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure G.1-1	
BY VJPlachy	CHECKED BY JHLucas	APPROVED BY	DATE 9/23/2004

Inputs and Assumptions (Continued):

5. Concentration by area by sampling depth:

	A_{RDX} 0-2		B_{RDX} 0-2		B_{RDX} 2-6	
	Data	Sample No.	Data	Sample No.	Data	Sample No.
	1.00	03/10-15-93-1	0.00	03/10-21-93-1	0.00	03/10-21-93-1
	0.06	03/10-16-93-1				
	1820.00	03/10-61-93-1				
Avg_{conc} (mg/kg)	607.02		0.00		0.00	

	C_{RDX} 0-2		D_{RDX} 0-2		D_{RDX} 2-6	
	Data	Sample No.	Data	Sample No.	Data	Sample No.
	1.41	03/10-19-93-1	0.00	03/10-33-93-1		03/10-33-93-1
	0.04	03/10-58-93-1	1.00	03/10-64-93-1	0.00	03/10-64-93-1
			192.00	03/10-69-93-1	0.00	03/10-69-93-1
			1.00	03/10-70-93-1	0.00	03/10-70-93-1
			1.00	03/10-71-93-1	0.00	03/10-71-93-1
Avg_{conc} (mg/kg)	0.73		39.00		0.00	

	D_{RDX} 10+		E_{RDX} 0-2		F_{RDX} 0-2	
	Data	Sample No.	Data	Sample No.	Data	Sample No.
		03/10-33-93-1	0.24	03/10-31-93-1	1.35	03/10-35-93-1
		03/10-64-93-1	1.36	03/10-67-93-1		
		03/10-69-93-1				
	0.00	03/10-70-93-1				
		03/10-71-93-1				
Avg_{conc} (mg/kg)	0.00		0.80		1.35	

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 RDX estimate			
ASED ON Sampling Data		DRAWING NUMBER Figure G.1-1	
BY VJPlachy	CHECKED BY JHLucas	APPROVED BY	DATE 9/23/2004

Inputs and Assumptions (Continued):

6. Acronyms

0-2	= 0 to 2 ft depth	ft	= feet
2-6	= 2 to 6 ft depth	ft^3	= cubic feet
6-10	= 6 to 10 ft depth	in	= inches
Avg	= average	kg	= kilograms
cm	= centimeters	lb	= pounds
conc	= concentration	No.	= number
Cx	= concentration identifier	mg/kg	= miligrams per kilogram
		Vol	= volume

Calculations:

1. Area of each RDX Area in ft^2:

	A-RDX	B-RDX	C-RDX	D-RDX	E-RDX	F-RDX
length (ft):	175.	175.	200.	200.	50.	125.
width (ft):	175.	100.	80.	200.	50.	100.
area (ft^2):	30,625.	17,500.	16,000.	40,000.	2,500.	12,500.

Example Calculations:

$$A_{RDXAREA} = \left| 175 \quad \text{length (ft)} \right| \left| 175 \quad \text{width (ft)} \right|$$

$$= 30{,}625. \quad ft^2$$

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 RDX estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure G.1-1	
BY VJPlachy	CHECKED BY JHLucas	APPROVED BY	DATE 9/23/2004

Calculations (Continued):

2. Calculate the volume of contaminated soil for each interval and each location:

	A_{RDX} 0-2	B_{RDX} 0-2	B_{RDX} 2-6	B_{RDX} 10^+
initial interval depth (ft):	0.	0.	2.	0.
final interval depth (ft):	2.	2.	6.	0.
area (ft^2):	30,625.	17,500.	17,500.	17,500.
volume (ft^3):	61,250.	35,000.	70,000.	0.

	C_{RDX} 0-2	D_{RDX} 0-2	D_{RDX} 2-6	D_{RDX} 10^+
initial interval depth (ft):	0.	0.	2.	10.
final interval depth (ft):	2.	2.	6.	14.
area (ft^2):	16,000.	40,000.	40,000.	40,000.
volume (ft^3):	32,000.	80,000.	160,000.	160,000.

	E_{RDX} 0-2	E_{RDX} 2-6	F_{RDX} 0-2	F_{RDX} 10^+
initial interval depth (ft):	0.	2.	0.	10.
final interval depth (ft):	2.	6.	2.	14.
area (ft^2):	2,500.	2,500.	12,500.	12,500.
volume (ft^3):	5,000.	10,000.	25,000.	50,000.

Example Calculations:

A-RDXvolume = ‖final interval depth (ft) - initial interval depth (ft) ‖ * | area (ft^2) |

= ‖ 2 - 0 ft ‖ 30,625. ft^2|

= 61,250 ft^3

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 RDX estimate			
ASED ON Sampling Data		DRAWING NUMBER Figure G.1-1	
BY VJPlachy	CHECKED BY JHLucas	APPROVED BY	DATE 9/23/2004

Calculations (Continued):

3. Calculate the total contaminated mass per interval in kg and lb:

	A_{RDX} 0-2	B_{RDX} 0-2	B_{RDX} 2-6	C_{RDX} 0-2
$volume_{soil}$ (ft^3):	61,250.	35,000.	70,000.	32,000.
$mass_{soil}$ (kg):	2,778,300.	1,587,600.	3,175,200.	1,451,520.
$mass_{soil}$ (lb):	6,119,604.	3,496,916.	6,993,833.	3,197,181.

	D_{RDX} 0-2	D_{RDX} 2-6	D_{RDX} 10^+
$volume_{soil}$ (ft^3):	80,000.	160,000.	160,000.
$mass_{soil}$ (kg):	3,628,800.	7,257,600.	7,257,600.
$mass_{soil}$ (lb):	7,992,952.	15,985,903.	15,985,903.

	E_{RDX} 0-2	E_{RDX} 2-6	F_{RDX} 0-2	F_{RDX} 10^+
$volume_{soil}$ (ft^3):	5,000.	10,000.	25,000.	50,000.
$mass_{soil}$ (kg):	226,800.	453,600.	1,134,000.	2,268,000.
$mass_{soil}$ (lb):	499,559.	999,119.	2,497,797.	4,995,595.

Example Calculations:

$$A_{RDX\text{-}SOIL(kg)} = \left| \frac{61{,}250 \quad ft^3}{} \right| \left| \frac{45.36 \quad kg}{1 \quad ft^3} \right|$$

$$= 2{,}778{,}300 \quad kg$$

$$A_{RDX\text{-}SOIL(lb)} = \left| \frac{160{,}000 \quad kg}{} \right| \left| \frac{1 \quad lb}{0.454 \quad kg} \right|$$

$$= 352{,}423 \quad lb$$

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 RDX estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure G.1-1	
BY VJPlachy	CHECKED BY JHLucas	APPROVED BY	DATE 9/23/2004

Calculations (Continued):

4. Calculate the RDX contaminated mass per interval in kg and lb:

	A_{RDX} 0-2	B_{RDX} 0-2	B_{RDX} 2-6	C_{RDX} 0-2
$mass_{soil}$ (kg):	2,778,300.	1,587,600.	3,175,200.	1,451,520.
RDX (mg/kg):	607.02	0.	0.	0.73
$mass_{RDX}$ (kg):	1,686.48	0.	0.	1.06
$mass_{RDX}$ (lb):	3,714.71	0.	0.	2.33

	D_{RDX} 0-2	D_{RDX} 2-6	D_{RDX} 10^+	E_{RDX} 0-2
$mass_{soil}$ (kg):	3,628,800.	7,257,600.	7,257,600.	226,800.
RDX (mg/kg):	39.	0.	0.	0.8
$mass_{RDX}$ (kg):	141.52	0.	0.	0.18
$mass_{RDX}$ (lb):	311.72	0.	0.	0.4

	F_{RDX} 0-2	
$mass_{soil}$ (kg):	1,134,000.	
RDX (mg/kg):	1.35	**TOTAL**
$mass_{RDX}$ (kg):	1.53	1,831
$mass_{RDX}$ (lb):	3.37	4,033

Example Calculations:

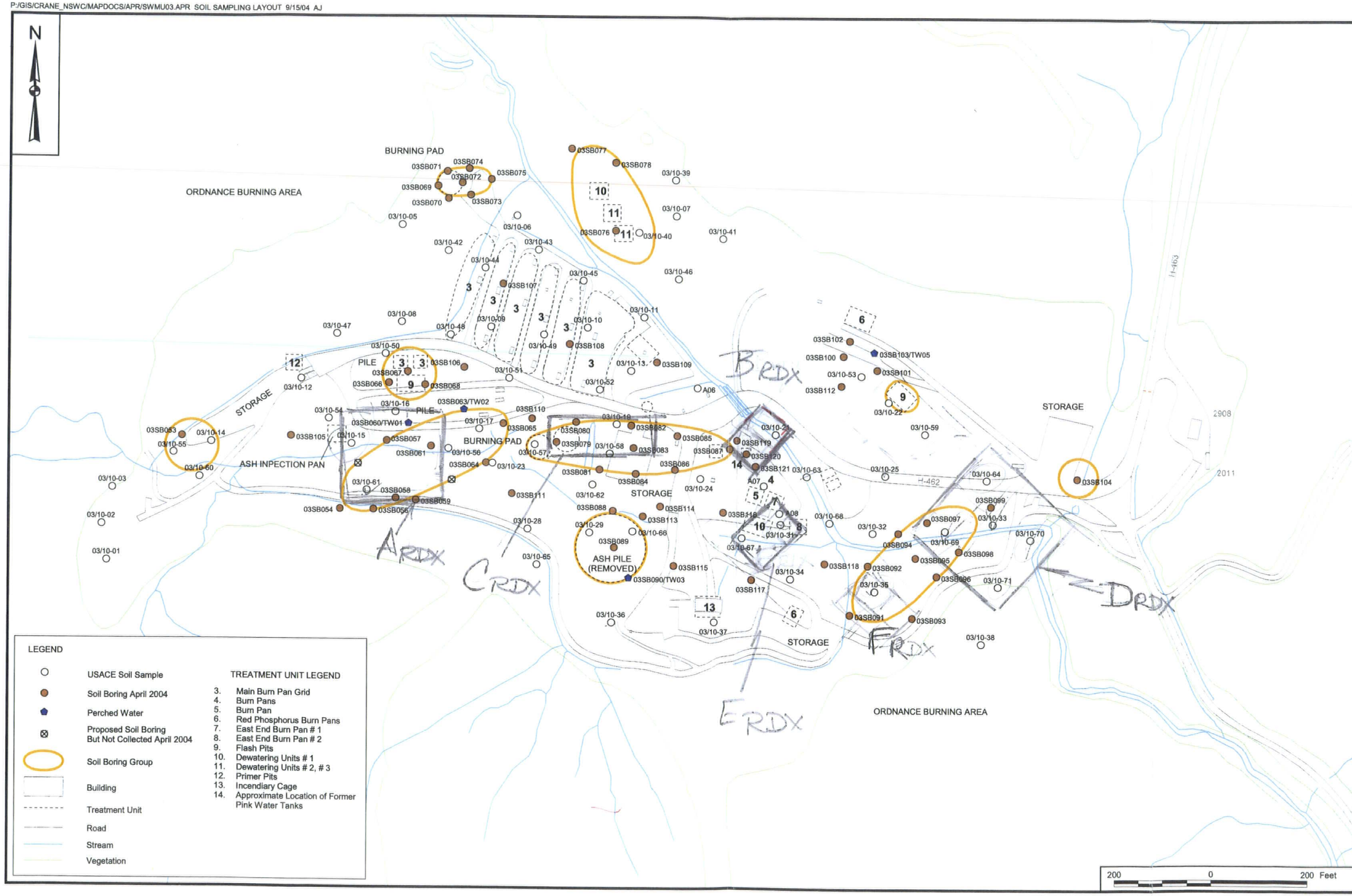
$$A_{RDX\text{-}conc(kg)} = \frac{2{,}778{,}300\ kg_{soil}}{} \cdot \frac{607\ mg_{RDX}}{1\ kg_{soil}} \cdot \frac{1\ mg}{1{,}000{,}000\ kg}$$

$$= 1{,}686.43\ kg$$

$$A_{RDX\text{-}conc(lb)} = \frac{1{,}686.43\ kg}{} \cdot \frac{1\ lb}{0.454\ kg}$$

$$= 3{,}715\ lb$$

P:/GIS/CRANE_NSWC/MAPDOCS/APR/SWMU03.APR SOIL SAMPLING LAYOUT 9/15/04 AJ



CONTRACT NO. N8383

APPROVED BY ___ DATE ___

APPROVED BY ___ DATE ___

DRAWING NO. FIGURE G.1-1

REV 0

SOIL SAMPLING LOCATIONS APRIL 2004
AMMUNITION BURNING GROUNDS MAIN TREATMENT AREA
SWMU 03 - AMMUNITION BURNING GROUNDS
FIELD WORK REPORT
NSWC CRANE
CRANE, INDIANA

DEPARTMENT OF THE NAVY * NAVAL FACILITIES ENGINEERING COMMAND

DRAWN BY A. JANOCHA DATE 9/14/04

CHECKED BY J. LUCAS DATE 9/15/04

COST/SCHED-AREA

SCALE AS NOTED

APPENDIX G.2

TRICHLOROETHENE (TCE)

The quantity of TCE contaminated soil is approximately 14,000 cubic yards (yd^3). The quantity of TCE in the contaminated soil ranges from approximately 600 to 2,300 pounds (lb).

The quantity of TCE in the contaminated soil was estimated using three sets of data. First, all existing data was reviewed to determine the most likely areas of TCE contamination (e.g., TCE Hotspots). Geographically similar sampling locations were grouped into six locations (i.e., A_{TCE}, B_{TCE}, C_{TCE}, D_{TCE}, E_{TCE}, and F_{TCE}) as indicated in Appendix G Figure G.1-1. Then the surface area of each grouped location was calculated.

When contamination was detected at a specific depth interval [i.e., 0 to 2 feet (ft), 2 to 6 ft, 6 to 10 ft, and 10^+ ft], the depth of the interval was multiplied by the surface area to determine the volume of contaminated soil.

The available sampling data included Army Corp of Engineering (Corp) data from the early 1990s and RCRA Facility Investigation (RFI) data from 2004. Three cases of the available sampling data were utilized in estimating the quantity of TCE contaminated soil and TCE in the contaminated soil as follows:

- Corp and RFI data consolidated,
- RFI data, and
- Corp data.

For each case, the TCE concentration was averaged for each grouped location by depth interval (depth/location specific TCE concentration). Next, the depth/location specific TCE concentration was multiplied by the contaminated soil volume for that depth/location to estimate the quantity of TCE in the contaminated soil at that depth/location.

Finally, the quantity of TCE in the contaminated at each depth/location was summed to determine the total quantity of TCE to be remediated.

TABLE G.2-1
DRAFT ESTIMATE OF TCE REMEDIATION MASS AND TOTAL CONTAMINATED SOIL MASS -- CONSOLIDATED SAMPLE BASIS
NSWC CRANE
CRANE, INDIANA

Contaminant: TCE	**Hot Spots**				
Parameter	A_{TCE}	B_{TCE}	C_{TCE}	D_{TCE}	E_{TCE}
Soil Density [kg/ft^3]	45.36	45.36	45.36	45.36	45.36
Hot Spot Radius [ft]					
Hot Spot Length [ft]	150	475	200	475	100
Hot Spot Width [ft]	150	100	150	150	75
Hot Spot Area [ft^2]	22,500	47,500	30,000	71,250	7,500.
Soil Interval #1 (0 - 2 ft)					
Thickness$_{(1)}$ [ft]	2	2	0	0	0
Vol$_{(1)}$ [ft^3]	45,000.	95,000.	0.	0.	0.
Avg Concn$_{(1)}$ [mg/kg]	0.0257	0.0056	0	0	0
Contaminant Mass$_{(1)}$ [kg]	0.0525	0.0241	0.	0.	0.
Soil Interval #2 (2 - 6 ft)					
Thickness$_{(2)}$ [ft]	4	0	0	0	4
Vol$_{(2)}$ [ft^3]	90,000	0	0	0.	30,000.
Avg Concn$_{(2)}$ [mg/kg]	4.8004	0	0	0	0.0019
Contaminant Mass$_{(2)}$ [kg]	19.6	0.	0.	0.	0.0026
Soil Interval #3 (6 - 10 ft)					
Thickness$_{(3)}$ [ft]	4	0	4	0	0
Vol$_{(3)}$ [ft^3]	90,000	0	120,000	0	0.
Avg Concn$_{(3)}$ [mg/kg]	0.4836	0	0.1563	0	0
Contaminant Mass$_{(3)}$ [kg]	1.974	0.	0.851	0.	0.
Soil Interval #4 (> 10 feet)					
Thickness$_{(4)}$ [ft]	4	0	4	4	0
Vol$_{(4)}$ [ft^3]	90,000	0.	120,000.	285,000.	0.
Avg Concn$_{(4)}$ [mg/kg]	0.0063	0	2.8853	0.001	0
Contaminant Mass$_{(4)}$ [kg]	0.026	0.	15.7053	0.0129	0.

Total Soil Mass by Hot Spot[kg]:	14,288,400	4,309,200	10,886,400	12,927,600	1,360,800.
Total Soil Mass by Hot Spot[yd^3]:	11,667	3,519	8,889	10,556	1,111
Total Contaminant Mass by Hot Spot [kg]:	21.65	0.024	16.56	0.01	0.003

Total Contaminated Soil Mass All Hot Spots:	21,319,200	[kg]	17,407	[yd^3]
Total Potential Remediation Soil Mass:	43,772,400	[kg]	35,741	[yd^3]
Total Contaminant Mass All Hot Spots:	38.25	[kg]		

Procedure:
1. Enter the name or abbreviation of the contaminant in the "Contaminant" area.
2. For each hot spot enter values for the indicated parameters.
a. If a circular hot spot is assumed, enter only a radius (the length and width will be blacked out)
b. If a rectangular hot spot is assumed, enter length and width (the radius will be blanked out).
3. Read masses of soil and contaminants for each hot spot in last two rows.
4. Read total masses of soil and contaminant associated with hot spots in cells labeled as such, below table.
Note: The area of each depth within a given hot spot is assumed to be identical.

Avg — average.
Vol. — volume.
Concn — concentration.
kg — kilograms.
mg — micrograms.
ft — feet.

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 TCE estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure G.2-1	
BY VJPlachy	CHECKED BY	APPROVED BY	DATE 9/23/2004

Objective: Estimate mass of TCE contaminated soils and mass of TCE exclusive of non-contaminated soils utilizing consolidated site data.

Inputs and Assumptions:

1. For TCE, the map scale is 1 cm_{map} = 190 ft

2. Conversion factors:

1,000	µg	=	1	mg
1,000,000	kg	=	1	mg
1	in	=	2.54	cm
1	ft	=	12	in
0.454	kg	=	1	lb
45.36	kg	=	1	ft^3

3. Length and width (ft):

	A_{TCE}	B_{TCE}	C_{TCE}	D_{TCE}	E_{TCE}
length (ft):	150	475	200	475	100
width (ft):	150	100	150	150	75

4. Input information

	A_{TCE} 0-2	A_{TCE} 2-6	A_{TCE} 6-10	A_{TCE} 10^+	B_{TCE} 0-2	B_{TCE} 2-6
initial interval depth (ft):	0	2	6	10	0	2
final interval depth (ft):	2	6	10	14	2	6

	B_{TCE} 10^+	C_{TCE} 6-10	C_{TCE} 10^+	D_{TCE} 0-2	D_{TCE} 2-6	E_{TCE} 2-6
initial interval depth (ft):	10	6	10	0	2	2
final interval depth (ft):	14	10	14	2	6	4

	D_{TCE} 10^+
initial interval depth (ft):	10
final interval depth (ft):	14

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 TCE estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure G.2-1	
BY VJPlachy	CHECKED BY	APPROVED BY	DATE 9/23/2004

Inputs and Assumptions (Continued):

5. Concentration by area by sampling depth:

	A_{TCE} 0-2		A_{TCE} 2-6		A_{TCE} 6-10	
	Data	Sample No.	Data	Sample No.	Data	Sample No.
	60.00	03/10-17-93-2	200.000	03/10-17-93-2	73.00	03/10-17-93-2
	0.00	03/10-23-93-2	1.50	03/10-23-93-2	0.8	03/10-23-93-2
	17.00	03/10-56-93-1	0.00	03/10-56-93-1		03/10-56-93-1
		03SB061	19000.00	03SB061	2300.00	03SB061
		03SB063		03SB063	44.00	03SB063
		03SB064		03SB064		03SB064
		03SB065		03SB065	0.00	03SB065
Avg_{conc} (µg/kg)	25.67		4800.38		483.56	

	A_{TCE} 10^+		B_{TCE} 0-2		B_{TCE} 2-6	
	Data	Sample No.	Data	Sample No.	Data	Sample No.
		03/10-17-93-2	21.00	03/10-29-93-1	0.00	03/10-29-93-1
		03/10-23-93-2	0.00	03/10-31-93-1		03/10-31-93-1
		03/10-56-93-1	0.80	03/10-66-93-1		03/10-66-93-1
	0.00	03SB061	0.70	03/10-67-93-1		03/10-67-93-1
	0.00	03SB064		03SB088		03SB088
	19.00	03SB065		03SB089		03SB089
				03SB113		03SB113
				03SB114		03SB114
				03SB116		03SB116
Avg_{conc} (µg/kg)	6.33		5.63		0.00	

	B_{TCE} 10^+		C_{TCE} 0-2		C_{TCE} 6-10	
	Data	Sample No.	Data	Sample No.	Data	Sample No.
		03/10-29-93-1	0.00	03/10-22-93-1	0.00	03/10-22-93-1
		03/10-31-93-1	0.00	03/10-53-93-1		03/10-53-93-1
		03/10-66-93-1		03SB100	31.00	03SB100
		03/10-67-93-1		03SB101	0.00	03SB101
		03SB088		03SB102	7.00	03SB102
		03SB089		03SB103	330.00	03SB103
		03SB113		03SB112	570.00	03SB112
	0.00	03SB114				
	0.00	03SB116				
Avg_{conc} (µg/kg)	0.00		0.00		156.33	

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 TCE estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure G.2-1	
BY VJPlachy	CHECKED BY	APPROVED BY	DATE 9/23/2004

Inputs and Assumptions (Continued):

5. Concentration by area by sampling depth (Continued):

	C_{TCE} 10^+		D_{TCE} 0-2		D_{RDX} 2-6	
	Data	Sample No.	Data	Sample No.	Data	Sample No.
		03/10-22-93-1	0.00	03/10-19-93-1	0.00	03/10-19-93-1
		03/10-53-93-1	0.00	03/10-58-93-1		03/10-58-93-1
	45.00	03SB100		03SB079		03SB079
	11.00	03SB101		03SB080		03SB080
	8600.00	03SB102		03SB082		03SB082
		03SB103		03SB083		03SB083
		03SB112		03SB084		03SB084
				03SB085		03SB085
				03SB086		03SB086
				03SB087		03SB087
				03SB119		03SB119
				03SB120		03SB120
				03SB121		03SB121
Avg_{conc} (µg/kg)	2885.33		0.00		0.00	

	D_{TCE} 10^+		E_{RDX} 2-6	
	Data	Sample No.	Data	Sample No.
		03/10-19-93-1	1.90	03/10-35-93-2
		03/10-58-93-1		03SB092
	0.00	03SB079		
	2.00	03SB080		
	0.00	03SB082		
		03SB083		
	0.00	03SB084		
	0.00	03SB085		
	0.00	03SB086		
	0.00	03SB087		
	3.00	03SB119		
	6.00	03SB120		
	0.00	03SB121		
	0.00	03SB084		
Avg_{conc} (µg/kg)	1.00		1.90	

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 TCE estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure G.2-1	
BY VJPlachy	CHECKED BY	APPROVED BY	DATE 9/23/2004

Inputs and Assumptions (Continued):

6. Acronyms

0-2	= 0 to 2 ft depth	ft	= feet
2-6	= 2 to 6 ft depth	ft^3	= cubic feet
6-10	= 6 to 10 ft depth	in	= inches
Avg	= average	kg	= kilograms
cm	= centimeters	lb	= pounds
conc	= concentration	No.	= number
Cx	= concentration identifier	mg/kg	= miligrams per kilogram
		Vol	= volume

Calculations:

3. Area of each TCE Area in ft^2:

	A_{TCE}	B_{TCE}	C_{TCE}	D_{TCE}	E_{TCE}
length (ft):	150	475.00	200.00	475	100
width (ft):	150	100	150	150	75
area (ft^2):	22,500.	47,500.	30,000.	71,250.	7,500.

Example Calculations:

$$A\text{-}TCE_{area} = \left| \; 150 \;\; \text{length (ft)} \; \right| \; 150 \;\; \text{width (ft)} \; \right|$$

$$= 22{,}500. \;\; ft^2$$

4. Calculate the volume of contaminated soil for each interval and each location:

	A_{TCE} 0-2	A_{TCE} 2-6	A_{TCE} 6-10	A_{TCE} 10^+	B_{TCE} 0-2	B_{TCE} 2-6
initial interval depth (ft):	0	2	6	10	0	2
final interval depth (ft):	2	6	10	14	2	6
area (ft^2):	22,500.	22,500.	22,500.	22,500.	47,500.	30,000.
volume (ft^3):	45,000	90,000	90,000	90,000	95,000	120,000

	B_{TCE} 10^+	C_{TCE} 6-10	C_{TCE} 10^+	D_{TCE} 0-2	D_{TCE} 2-6	D_{TCE} 10^+
initial interval depth (ft):	10	6	10	0	2	10
final interval depth (ft):	14	10	14	2	6	14
area (ft^2):	30,000.	30,000.	30,000.	30,000.	71,250.	71,250.
volume (ft^3):	120,000	120,000	120,000	60,000	285,000	285,000

	E_{TCE} 2-6
initial interval depth (ft):	2
final interval depth (ft):	4
area (ft^2):	7,500.
volume (ft^3):	15,000

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Calculations (Continued):

4. Calculate the volume of contaminated soil for each interval and each location (Continued):

Example Calculation

$$A\text{-}TCE_{volume} = \left\| \text{final interval depth (ft) - initial interval depth (ft)} \right\| * \left| \text{area (ft}^2\text{)} \right|$$

$$= \left\| 2 - 0 \text{ ft} \right\| \; 22{,}500. \; \text{ft}^2 \right|$$

$$= 45{,}000.00 \; \text{ft}^3$$

5. Calculate the average concentrations for each depth interval in mg/kg:

	A_{TCE} 0-2	A_{TCE} 2-6	A_{TCE} 6-10	A_{TCE} 10+	B_{TCE} 0-2	B_{TCE} 2-6	B_{TCE} 10+
TCE (µg/kg):	25.67	4800.38	483.56	6.33	5.63	0.00	0.00
TCE (mg/kg):	0.0257	4.8004	0.4836	0.0063	0.0056	0.0000	0.0000

	C_{TCE} 0-2	C_{TCE} 6-10	C_{TCE} 10+	D_{TCE} 0-2	D_{TCE} 2-6	D_{TCE} 10+	E_{TCE} 2-6
TCE (µg/kg):	0.00	156.33	2885.33	0.00	0.00	1.00	1.90
TCE (mg/kg):	0.0000	0.1563	2.8853	0.0000	0.0000	0.0010	0.0019

Example Calculation

$$TCE_{(mg/kg)} = \left| \frac{25.67 \; \mu g}{1 \; kg} \right| \frac{1 \; mg}{1000 \; \mu g} \right|$$

$$= 0.0257 \; mg_{TCE}/kg_{soil}$$

6. Calculate the total contaminated mass per interval in kg and lb:

	A_{TCE} 0-2	A_{TCE} 2-6	A_{TCE} 6-10	A_{TCE} 10+	B_{TCE} 0-2	B_{TCE} 2-6
$volume_{soil}$ (ft^3):	45,000	90,000	90,000	90,000	95,000	30,000
$mass_{soil}$ (kg):	2,041,200	4,082,400	4,082,400	4,082,400	4,309,200	1,360,800
$mass_{soil}$ (lb):	4,496,035	8,992,070	8,992,070	8,992,070	9,491,630	2,997,357

	B_{TCE} 10+	C_{TCE} 6-10	C_{TCE} 10+	D_{TCE} 0-2	D_{TCE} 2-6	D_{TCE} 10+
$volume_{soil}$ (ft^3):	120,000	120,000	120,000	60,000	285,000	285,000
$mass_{soil}$ (kg):	5,443,200	5,443,200	5,443,200	2,721,600	12,927,600	12,927,600
$mass_{soil}$ (lb):	11,989,427	11,989,427	11,989,427	5,994,714	28,474,890	28,474,890

	E_{TCE} 2-6
$volume_{soil}$ (ft^3):	15,000
$mass_{soil}$ (kg):	680,400
$mass_{soil}$ (lb):	1,498,678

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 TCE estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure G.2-1	
BY VJPlachy	CHECKED BY	APPROVED BY	DATE 9/23/2004

Calculations (Continued):

6. Calculate the total contaminated mass per interval in kg and lb (Continued):

Example Calculations:

$$A\text{-}TCE_{soil(kg)} = \frac{45{,}000 \ ft^3}{} \cdot \frac{45.36 \ kg}{1 \ ft^3}$$

$$= 2{,}041{,}200 \ kg$$

$$A\text{-}TCE_{soil(lb)} = \frac{95{,}000 \ kg}{} \cdot \frac{1 \ lb}{0.454 \ kg}$$

$$= 209{,}251 \ lb$$

Calculations (Continued):

7. Calculate the TCE contaminated mass per interval in kg and lb:

	A_{TCE} 0-2	A_{TCE} 2-6	A_{TCE} 6-10	A_{TCE} 10^+	B_{TCE} 0-2	B_{TCE} 2-6
$mass_{soil}$ (kg):	2,041,200	4,082,400	4,082,400	4,082,400	4,309,200	1,360,800
TCE (mg/kg):	0.0257	4.8004	0.4836	0.0063	0.0056	0.0000
$mass_{TCE}$ (kg):	0.05	19.60	1.97	0.03	0.02	0.00
$mass_{TCE}$ (lb):	0.11	43.17	4.34	0.07	0.04	0.00

	B_{TCE} 10^+	C_{TCE} 6-10	C_{TCE} 10^+	D_{TCE} 0-2	D_{TCE} 2-6	B_{TCE} 10^+
$mass_{soil}$ (kg):	5,443,200	5,443,200	5,443,200	2,721,600	12,927,600	28,474,890
TCE (mg/kg):	0.0000	0.1563	2.8853	0.0000	0.0000	0.0010
$mass_{TCE}$ (kg):	0.00	0.85	15.71	0.00	0.00	0.03
$mass_{TCE}$ (lb):	0.00	1.87	34.60	0.00	0.00	0.07

	E_{TCE} 6-10	
$mass_{soil}$ (kg):	680,400	
TCE (mg/kg):	0.0019	TOTAL
$mass_{TCE}$ (kg):	0.00	38.26
$mass_{TCE}$ (lb):	0.00	84.27

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 TCE estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure G.2-1	
BY VJPlachy	CHECKED BY	APPROVED BY	DATE 9/23/2004

Calculations (Continued):

7. Calculate the TCE contaminated mass per interval in kg and lb (Continued):

Example Calculations:

$$A\text{-}TCE_{TCE(kg)} = \frac{2{,}041{,}200\ kg_{soil}}{} \cdot \frac{0.0257\ mg_{TCE}}{1\ kg_{soil}} \cdot \frac{1\ mg}{1{,}000{,}000\ kg}$$

$$= 0.0525\ kg$$

$$A\text{-}TCE_{TCE(lb)} = \frac{0.0525\ kg}{} \cdot \frac{1\ lb}{0.454\ kg}$$

$$= 0.1156\ lb$$

TABLE G.2-2
DRAFT ESTIMATE OF TCE REMEDIATION MASS AND TOTAL CONTAMINATED SOIL MASS -- TtNUS SAMPLE BASIS
NSWC CRANE
CRANE, INDIANA

Contaminant: TCE	**Hot Spots**				
Parameter	**A_{TCE}**	**B_{TCE}**	**C_{TCE}**	**D_{TCE}**	**E_{TCE}**
Soil Density [kg/ft^3]	45.36	45.36	45.36	45.36	45.36
Hot Spot Radius [ft]					
Hot Spot Length [ft]	150	475	200	475	100
Hot Spot Width [ft]	150	100	150	150	75
Hot Spot Area [ft^2]	22,500	47,500	30,000	71,250	7,500.
Soil Interval #1 (0 - 2 ft)					
Thickness$_{(1)}$ [ft]	0	0	0	0	0
Vol$_{(1)}$ [ft^3]	0.	0.	0.	0.	0.
Avg Concn$_{(1)}$ [mg/kg]	0	0	0	0	0
Contaminant Mass$_{(1)}$ [kg]	0.	0.	0.	0.	0.
Soil Interval #2 (2 - 6 ft)					
Thickness$_{(2)}$ [ft]	4	0	0	0	4
Vol$_{(2)}$ [ft^3]	90,000	0	0	0.	30,000.
Avg Concn$_{(2)}$ [mg/kg]	19	0	0	0	0
Contaminant Mass$_{(2)}$ [kg]	77.57	0.	0.	0.	0.
Soil Interval #3 (6 - 10 ft)					
Thickness$_{(3)}$ [ft]	4	0	4	0	0
Vol$_{(3)}$ [ft^3]	90,000	0	120,000	0	0.
Avg Concn$_{(3)}$ [mg/kg]	0.7813	0	0.1876	0	0
Contaminant Mass$_{(3)}$ [kg]	3.19	0.	1.021	0.	0.
Soil Interval #4 (> 10 feet)					
Thickness$_{(4)}$ [ft]	4	0	4	4	0
Vol$_{(4)}$ [ft^3]	90,000	0.	120,000.	285,000.	0.
Avg Concn$_{(4)}$ [mg/kg]	0.0048	0	2.8853	0.0012	0
Contaminant Mass$_{(4)}$ [kg]	0.02	0.	15.7053	0.0155	0.

Total Soil Mass by Hot Spot[kg]:	12,247,200	0	10,886,400	12,927,600	1,360,800.
Total Soil Mass by Hot Spot[yd^3]:	10,000	0	8,889	10,556	1,111
Total Contaminant Mass by Hot Spot [kg]:	80.78	0.	16.73	0.02	0.

Total Contaminated Soil Mass All Hot Spots:	14,968,800	[kg]	12,222	[yd^3]
Total Potential Remediation Soil Mass:	37,422,000	[kg]	30,556	[yd^3]
Total Contaminant Mass All Hot Spots:	97.53	[kg]		

Procedure:
1. Enter the name or abbreviation of the contaminant in the "Contaminant" area.
2. For each hot spot enter values for the indicated parameters.
a. If a circular hot spot is assumed, enter only a radius (the length and width will be blacked out)
b. If a rectangular hot spot is assumed, enter length and width (the radius will be blanked out).
3. Read masses of soil and contaminants for each hot spot in last two rows.
4. Read total masses of soil and contaminant associated with hot spots in cells labeled as such, below table.
Note: The area of each depth within a given hot spot is assumed to be identical.

Avg — average.
Vol. — volume.
Concn — concentration.
kg — kilograms.
mg — micrograms.
ft — feet.

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 TCE estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure G.2-1	
BY VJPlachy	CHECKED BY	APPROVED BY	DATE 9/23/2004

Objective: Estimate mass of TCE contaminated soils and mass of TCE exclusive of non-contaminated soils utilizing current site data.

Inputs and Assumptions:

1. For TCE, the map scale is 1 cm_{map} = 190 ft

2. Conversion factors:

1,000	µg	=	1	mg
1,000,000	kg	=	1	mg
1	in	=	2.54	cm
1	ft	=	12	in
0.454	kg	=	1	lb
45.36	kg	=	1	ft^3

3. Length and width (ft):

	A_{TCE}	B_{TCE}	C_{TCE}	D_{TCE}	E_{TCE}
length (ft):	150	475	200	475	100
width (ft):	150	100	150	150	75

4. Input information

	A_{TCE} 0-2	A_{TCE} 2-6	A_{TCE} 6-10	A_{TCE} 10^+	B_{TCE} 0-2	B_{TCE} 2-6
initial interval depth (ft):	0	2	6	10	0	2
final interval depth (ft):	2	6	10	14	2	6

	C_{TCE} 0-2	C_{TCE} 6-10	C_{TCE} 10^+	D_{TCE} 0-2	D_{TCE} 2-6	D_{TCE} 10^+
initial interval depth (ft):	0	6	10	0	2	10
final interval depth (ft):	2	10	14	2	6	14

	E_{TCE} 2-6
initial interval depth (ft):	2
final interval depth (ft):	4

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 TCE estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure G.2-1	
BY VJPlachy	CHECKED BY	APPROVED BY	DATE 9/23/2004

Inputs and Assumptions (Continued):

5. Concentration by area by sampling depth:

	A_{TCE} 0-2		A_{TCE} 2-6		A_{TCE} 6-10	
	Data	Sample No.	Data	Sample No.	Data	Sample No.
		03SB061	19000.00	03SB061	2300.00	03SB061
		03SB063		03SB063	44.00	03SB063
		03SB064		03SB064		03SB064
		03SB065		03SB065	0.00	03SB065
Avg_{conc} (µg/kg)			19000.00		781.33	

	A_{TCE} 10^+		B_{TCE} 0-2		B_{TCE} 2-6	
	Data	Sample No.	Data	Sample No.	Data	Sample No.
	0.00	03SB061		03SB088		03SB088
	0.00	03SB063		03SB089		03SB089
	0.00	03SB064		03SB113		03SB113
	19.00	03SB065		03SB114		03SB114
				03SB116		03SB116
Avg_{conc} (µg/kg)	4.75					

	C_{TCE} 0-2		C_{TCE} 6-10		C_{TCE} 10^+	
	Data	Sample No.	Data	Sample No.	Data	Sample No.
		03SB100	31.00	03SB100	45.00	03SB100
		03SB101	0.00	03SB101	11.00	03SB101
		03SB102	7.00	03SB102	8600.00	03SB102
		03SB103	330.00	03SB103		03SB103
		03SB112	570.00	03SB112		03SB112
Avg_{conc} (µg/kg)			187.60		2885.33	

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 TCE estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure G.2-1	
BY VJPlachy	CHECKED BY	APPROVED BY	DATE 9/23/2004

Inputs and Assumptions (Continued):

5. Concentration by area by sampling depth (Continued):

	D_{TCE} 0-2		D_{RDX} 2-6	
	Data	Sample No.	Data	Sample No.
		03SB079		03SB079
		03SB080		03SB080
		03SB082		03SB082
		03SB083		03SB083
		03SB085		03SB085
		03SB086		03SB086
		03SB087		03SB087
		03SB119		03SB119
		03SB120		03SB120
		03SB121		03SB121
Avg_{conc} (µg/kg)				

	D_{TCE} 10^+		E_{RDX} 2-6	
	Data	Sample No.	Data	Sample No.
	0.00	03SB079		03SB092
	2.00	03SB080		
	0.00	03SB082		
		03SB083		
	0.00	03SB085		
	0.00	03SB086		
	0.00	03SB087		
	3.00	03SB119		
	6.00	03SB120		
	0.00	03SB121		
Avg_{conc} (µg/kg)	1.22			

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 TCE estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure G.2-1	
BY VJPlachy	CHECKED BY	APPROVED BY	DATE 9/23/2004

Inputs and Assumptions (Continued):

6. Acronyms

0-2	= 0 to 2 ft depth	ft	= feet
2-6	= 2 to 6 ft depth	ft^3	= cubic feet
6-10	= 6 to 10 ft depth	in	= inches
Avg	= average	kg	= kilograms
cm	= centimeters	lb	= pounds
conc	= concentration	No.	= number
Cx	= concentration identifier	mg/kg	= miligrams per kilogram
		Vol	= volume

Calculations:

3. Area of each TCE Area in ft^2:

	A_{TCE}	B_{TCE}	C_{TCE}	D_{TCE}	E_{TCE}
length (ft):	150	475.00	200.00	475	100
width (ft):	150	100	150	150	75
area (ft^2):	22,500.	47,500.	30,000.	71,250.	7,500.

Example Calculations:

$$A\text{-}TCE_{area} = \left| \; 150 \;\; \text{length (ft)} \; \right| \; 150 \;\; \text{width (ft)} \; \right|$$

$$= 22{,}500. \;\; ft^2$$

4. Calculate the volume of contaminated soil for each interval and each location:

	A_{TCE} 0-2	A_{TCE} 2-6	A_{TCE} 6-10	A_{TCE} 10^+	B_{TCE} 0-2	B_{TCE} 2-6
initial interval depth (ft):	0	2	6	10	0	2
final interval depth (ft):	2	6	10	14	2	6
area (ft^2):	22,500.	22,500.	22,500.	22,500.	47,500.	30,000.
volume (ft^3):	45,000	90,000	90,000	90,000	95,000	120,000

	C_{TCE} 0-2	C_{TCE} 6-10	C_{TCE} 10^+	D_{TCE} 0-2	D_{TCE} 2-6	D_{TCE} 10^+
initial interval depth (ft):	0	6	10	0	2	10
final interval depth (ft):	2	10	14	2	6	14
area (ft^2):	47,500.	30,000.	30,000.	30,000.	71,250.	71,250.
volume (ft^3):	95,000	120,000	120,000	60,000	285,000	285,000

	E_{TCE} 2-6
initial interval depth (ft):	2
final interval depth (ft):	4
area (ft^2):	7,500.
volume (ft^3):	15,000

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 TCE estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure G.2-1	
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Calculations (Continued):

4. Calculate the volume of contaminated soil for each interval and each location (Continued):

Example Calculation

$A\text{-}TCE_{volume}$ = ‖final interval depth (ft) - initial interval depth (ft) ‖ * | area (ft^2) |

= ‖ 2 - 0 ft ‖ 22,500. ft^2 |

= 45,000.00 ft^3

5. Calculate the average concentrations for each depth interval in mg/kg:

	A_{TCE} 0-2	A_{TCE} 2-6	A_{TCE} 6-10	A_{TCE} 10^+	B_{TCE} 0-2	B_{TCE} 2-6
TCE (µg/kg):	0.00	19000.00	781.33	4.75	0.00	0.00
TCE (mg/kg):	0.0000	19.0000	0.7813	0.0048	0.0000	0.0000

	C_{TCE} 0-2	C_{TCE} 6-10	C_{TCE} 10^+	D_{TCE} 0-2	D_{TCE} 2-6	D_{TCE} 10^+	E_{TCE} 2-6
TCE (µg/kg):	0.00	187.60	2885.33	0.00	0.00	1.22	0.00
TCE (mg/kg):	0.0000	0.1876	2.8853	0.0000	0.0000	0.0012	0.0000

Example Calculation

$$TCE_{(mg/kg)} = \left| \frac{19000\ \mu g}{1\ kg} \right| \left| \frac{1\ mg}{1000\ \mu g} \right|$$

= 19.0000 mg_{TCE}/kg_{soil}

6. Calculate the total contaminated mass per interval in kg and lb:

	A_{TCE} 0-2	A_{TCE} 2-6	A_{TCE} 6-10	A_{TCE} 10^+	B_{TCE} 0-2	B_{TCE} 2-6
$volume_{soil}$ (ft^3):	45,000	90,000	90,000	90,000	95,000	30,000
$mass_{soil}$ (kg):	2,041,200	4,082,400	4,082,400	4,082,400	4,309,200	1,360,800
$mass_{soil}$ (lb):	4,496,035	8,992,070	8,992,070	8,992,070	9,491,630	2,997,357

	C_{TCE} 0-2	C_{TCE} 6-10	C_{TCE} 10^+	D_{TCE} 0-2	D_{TCE} 2-6	D_{TCE} 10^+
$volume_{soil}$ (ft^3):	95,000	120,000	120,000	60,000	285,000	285,000
$mass_{soil}$ (kg):	4,309,200	5,443,200	5,443,200	2,721,600	12,927,600	12,927,600
$mass_{soil}$ (lb):	9,491,630	11,989,427	11,989,427	5,994,714	28,474,890	28,474,890

	E_{TCE} 2-6
$volume_{soil}$ (ft^3):	15,000
$mass_{soil}$ (kg):	680,400
$mass_{soil}$ (lb):	1,498,678

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 TCE estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure G.2-1	
BY VJPlachy	CHECKED BY	APPROVED BY	DATE 9/23/2004

Calculations (Continued):

6. Calculate the total contaminated mass per interval in kg and lb (Continued):

Example Calculations:

$$A\text{-}TCE_{soil(kg)} = \left| \frac{45{,}000 \ ft^3}{} \right| \left| \frac{45.36 \ kg}{1 \ ft^3} \right|$$

$$= 2{,}041{,}200 \ kg$$

$$A\text{-}TCE_{soil(lb)} = \left| \frac{95{,}000 \ kg}{} \right| \left| \frac{1 \ lb}{0.454 \ kg} \right|$$

$$= 209{,}251 \ lb$$

Calculations (Continued):

7. Calculate the TCE contaminated mass per interval in kg and lb:

	A_{TCE} 0-2	A_{TCE} 2-6	A_{TCE} 6-10	A_{TCE} 10+	B_{TCE} 0-2	B_{TCE} 2-6
$mass_{soil}$ (kg):	2,041,200	4,082,400	4,082,400	4,082,400	4,309,200	1,360,800
TCE (mg/kg):	0.0000	19.0000	0.7813	0.0048	0.0000	0.0000
$mass_{TCE}$ (kg):	0.00	77.57	3.19	0.02	0.00	0.00
$mass_{TCE}$ (lb):	0.00	170.86	7.03	0.04	0.00	0.00

	C_{TCE} 0-2	C_{TCE} 6-10	C_{TCE} 10+	D_{TCE} 0-2	D_{TCE} 2-6	B_{TCE} 10+
$mass_{soil}$ (kg):	4,309,200	5,443,200	5,443,200	2,721,600	12,927,600	28,474,890
TCE (mg/kg):	0.0000	0.1876	2.8853	0.0000	0.0000	0.0012
$mass_{TCE}$ (kg):	0.00	1.02	15.71	0.00	0.00	0.03
$mass_{TCE}$ (lb):	0.00	2.25	34.60	0.00	0.00	0.07

	E_{TCE} 6-10	
$mass_{soil}$ (kg):	680,400	
TCE (mg/kg):	0.000	TOTAL
$mass_{TCE}$ (kg):	0.00	97.54
$mass_{TCE}$ (lb):	0.00	214.85

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 TCE estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure G.2-1	
BY VJPlachy	CHECKED BY	APPROVED BY	DATE 9/23/2004

Calculations (Continued):

7. Calculate the TCE contaminated mass per interval in kg and lb (Continued):

Example Calculations:

$$A\text{-}TCE_{TCE(kg)} = \frac{2{,}041{,}200\ kg_{soil}}{} \cdot \frac{0.0000\ mg_{TCE}}{1\ kg_{soil}} \cdot \frac{1\ mg}{1{,}000{,}000\ kg}$$

$$= 0.0000\ kg$$

$$A\text{-}TCE_{TCE(lb)} = \frac{0.0000\ kg}{} \cdot \frac{1\ lb}{0.454\ kg}$$

$$= 0.0000\ lb$$

TABLE G.2-3
DRAFT ESTIMATE OF TCE REMEDIATION MASS AND TOTAL CONTAMINATED SOIL MASS -- HISTORICAL SAMPLE BASIS
NSWC CRANE
CRANE, INDIANA

Contaminant: TCE	Hot Spots				
Parameter	A_{TCE}	B_{TCE}	C_{TCE}	D_{TCE}	E_{TCE}
Soil Density [kg/ft^3]	45.36	45.36	45.36	45.36	45.36
Hot Spot Radius [ft]					
Hot Spot Length [ft]	150	475	200	475	100
Hot Spot Width [ft]	150	100	150	150	75
Hot Spot Area [ft^2]	22,500	47,500	30,000	71,250	7,500.
Soil Interval #1 (0 - 2 ft)					
Thickness$_{(1)}$ [ft]	2	2	0	0	0
Vol$_{(1)}$ [ft^3]	45,000.	95,000.	0.	0.	0.
Avg Concn$_{(1)}$ [mg/kg]	0.0257	0.0056	0	0	0
Contaminant Mass$_{(1)}$ [kg]	0.0525	0.0241	0.	0.	0.
Soil Interval #2 (2 - 6 ft)					
Thickness$_{(2)}$ [ft]	4	0	0	0	4
Vol$_{(2)}$ [ft^3]	90,000	0	0	0.	30,000.
Avg Concn$_{(2)}$ [mg/kg]	0.0672	0	0	0	0.0019
Contaminant Mass$_{(2)}$ [kg]	0.27	0.	0.	0.	0.0026
Soil Interval #3 (6 - 10 ft)					
Thickness$_{(3)}$ [ft]	4	0	4	0	0
Vol$_{(3)}$ [ft^3]	90,000	0	120,000	0	0.
Avg Concn$_{(3)}$ [mg/kg]	0.0369	0	0	0	0.
Contaminant Mass$_{(3)}$ [kg]	0.151	0.	0.	0.	0.
Soil Interval #4 (> 10 feet)					
Thickness$_{(4)}$ [ft]	4	0	4	4	0
Vol$_{(4)}$ [ft^3]	90,000	0.	120,000.	285,000.	0.
Avg Concn$_{(4)}$ [mg/kg]	0	0	0	0	0
Contaminant Mass$_{(4)}$ [kg]	0.	0.	0.	0.	0.

Total Soil Mass by Hot Spot[kg]:	14,288,400	4,309,200	10,886,400	12,927,600	1,360,800.
Total Soil Mass by Hot Spot[yd^3]:	11,667	3,519	8,889	10,556	1,111
Total Contaminant Mass by Hot Spot [kg]:	0.47	0.024	0.	0.	0.003

Total Contaminated Soil Mass All Hot Spots:	21,319,200	[kg]	17,407	[yd^3]
Total Potential Remediation Soil Mass:	43,772,400	[kg]	35,741	[yd^3]
Total Contaminant Mass All Hot Spots:	0.5	[kg]		

Procedure:
1. Enter the name or abbreviation of the contaminant in the "Contaminant" area.
2. For each hot spot enter values for the indicated parameters.
a. If a circular hot spot is assumed, enter only a radius (the length and width will be blacked out)
b. If a rectangular hot spot is assumed, enter length and width (the radius will be blanked out).
3. Read masses of soil and contaminants for each hot spot in last two rows.
4. Read total masses of soil and contaminant associated with hot spots in cells labeled as such, below table.
Note: The area of each depth within a given hot spot is assumed to be identical.

Avg — average.
Vol. — volume.
Concn — concentration.
kg — kilograms.
mg — micrograms.
ft — feet.

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 TCE estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure G.2-1	
BY VJPlachy	CHECKED BY	APPROVED BY	DATE 9/23/2004

Objective: Estimate mass of TCE contaminated soils and mass of TCE exclusive of non-contaminated soils utilizing historical site data.

Inputs and Assumptions:

1. For TCE, the map scale is 1 cm_{map} = 190 ft

2. Conversion factors:

1,000	µg	=	1	mg
1,000,000	kg	=	1	mg
1	in	=	2.54	cm
1	ft	=	12	in
0.454	kg	=	1	lb
45.36	kg	=	1	ft^3

3. Length and width (ft):

	A_{TCE}	B_{TCE}	C_{TCE}	D_{TCE}	E_{TCE}
length (ft):	150	475	200	475	100
width (ft):	150	100	150	150	75

4. Input information

	A_{TCE} 0-2	A_{TCE} 2-6	A_{TCE} 6-10	A_{TCE} 10^+	B_{TCE} 0-2	B_{TCE} 2-6
initial interval depth (ft):	0	2	6	10	0	2
final interval depth (ft):	2	6	10	14	2	6

	B_{TCE} 10^+	C_{TCE} 6-10	C_{TCE} 10^+	D_{TCE} 0-2	D_{TCE} 2-6	E_{TCE} 2-6
initial interval depth (ft):	10	6	10	0	2	2
final interval depth (ft):	14	10	14	2	6	4

	D_{TCE} 10^+
initial interval depth (ft):	10
final interval depth (ft):	14

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
SUBJECT SWMU 3 TCE estimate			
BASED ON Sampling Data		DRAWING NUMBER Figure G.2-1	
BY VJPlachy	CHECKED BY	APPROVED BY	DATE 9/23/2004

Inputs and Assumptions (Continued):

5. Concentration by area by sampling depth:

	A_{TCE} 0-2		A_{TCE} 2-6		A_{TCE} 6-10	
	Data	Sample No.	Data	Sample No.	Data	Sample No.
	60.00	03/10-17-93-2	200.000	03/10-17-93-2	73.00	03/10-17-93-2
	0.00	03/10-23-93-2	1.50	03/10-23-93-2	0.8	03/10-23-93-2
	17.00	03/10-56-93-1	0.00	03/10-56-93-1		03/10-56-93-1
Avg_{conc} (µg/kg)	25.67		67.17		36.90	

	A_{TCE} 10^+		B_{TCE} 0-2		B_{TCE} 2-6	
	Data	Sample No.	Data	Sample No.	Data	Sample No.
		03/10-17-93-2	21.00	03/10-29-93-1	0.00	03/10-29-93-1
		03/10-23-93-2	0.00	03/10-31-93-1		03/10-31-93-1
		03/10-56-93-1	0.80	03/10-66-93-1		03/10-66-93-1
			0.70	03/10-67-93-1		03/10-67-93-1
Avg_{conc} (µg/kg)	0.00		5.63		0.00	

	B_{TCE} 10^+		C_{TCE} 0-2		C_{TCE} 6-10	
	Data	Sample No.	Data	Sample No.	Data	Sample No.
		03/10-29-93-1	0.00	03/10-22-93-1	0.00	03/10-22-93-1
		03/10-31-93-1	0.00	03/10-53-93-1		03/10-53-93-1
		03/10-66-93-1				
		03/10-67-93-1				
Avg_{conc} (µg/kg)	0.00		0.00		0.00	

CLIENT NSWC Crane		JOB NUMBER N8383-0000-QR0110100	
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Inputs and Assumptions (Continued):

5. Concentration by area by sampling depth (Continued):

	C_{TCE} 10^+		D_{TCE} 0-2		D_{RDX} 2-6	
	Data	Sample No.	Data	Sample No.	Data	Sample No.
		03/10-22-93-1	0.00	03/10-19-93-1	0.00	03/10-19-93-1
		03/10-53-93-1	0.00	03/10-58-93-1		03/10-58-93-1
Avg_{conc} (µg/kg)	0.00		0.00		0.00	

	D_{TCE} 10^+		E_{RDX} 2-6	
	Data	Sample No.	Data	Sample No.
		03/10-19-93-1	1.90	03/10-35-93-2
		03/10-58-93-1		
Avg_{conc} (µg/kg)	0.00		1.90	

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Inputs and Assumptions (Continued):

6. Acronyms

0-2	= 0 to 2 ft depth	ft	= feet
2-6	= 2 to 6 ft depth	ft^3	= cubic feet
6-10	= 6 to 10 ft depth	in	= inches
Avg	= average	kg	= kilograms
cm	= centimeters	lb	= pounds
conc	= concentration	No.	= number
Cx	= concentration identifier	mg/kg	= miligrams per kilogram
		Vol	= volume

Calculations:

3. Area of each TCE Area in ft^2:

	A_{TCE}	B_{TCE}	C_{TCE}	D_{TCE}	E_{TCE}
length (ft):	150	475.00	200.00	475	100
width (ft):	150	100	150	150	75
area (ft^2):	22,500.	47,500.	30,000.	71,250.	7,500.

Example Calculations:

$$A\text{-}TCE_{area} = \left| \; 150 \;\; \text{length (ft)} \; \right| \; 150 \;\; \text{width (ft)} \; \right|$$

$$= 22{,}500. \;\; ft^2$$

4. Calculate the volume of contaminated soil for each interval and each location:

	A_{TCE} 0-2	A_{TCE} 2-6	A_{TCE} 6-10	A_{TCE} 10^+	B_{TCE} 0-2	B_{TCE} 2-6
initial interval depth (ft):	0	2	6	10	0	2
final interval depth (ft):	2	6	10	14	2	6
area (ft^2):	22,500.	22,500.	22,500.	22,500.	47,500.	30,000.
volume (ft^3):	45,000	90,000	90,000	90,000	95,000	120,000

	B_{TCE} 10^+	C_{TCE} 6-10	C_{TCE} 10^+	D_{TCE} 0-2	D_{TCE} 2-6	D_{TCE} 10^+
initial interval depth (ft):	10	6	10	0	2	10
final interval depth (ft):	14	10	14	2	6	14
area (ft^2):	30,000.	30,000.	30,000.	30,000.	71,250.	71,250.
volume (ft^3):	120,000	120,000	120,000	60,000	285,000	285,000

	E_{TCE} 2-6
initial interval depth (ft):	2
final interval depth (ft):	4
area (ft^2):	7,500.
volume (ft^3):	15,000

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Calculations (Continued):

4. Calculate the volume of contaminated soil for each interval and each location (Continued):

Example Calculation

$A\text{-}TCE_{volume}$ = ‖final interval depth (ft) - initial interval depth (ft) ‖ * | area (ft^2) |

= ‖ 2 - 0 ft ‖ 22,500. ft^2 |

= 45,000.00 ft^3

5. Calculate the average concentrations for each depth interval in mg/kg:

	A_{TCE} 0-2	A_{TCE} 2-6	A_{TCE} 6-10	A_{TCE} 10^+	B_{TCE} 0-2	B_{TCE} 2-6	B_{TCE} 10^+
TCE (µg/kg):	25.67	67.17	36.90	0.00	5.63	0.00	0.00
TCE (mg/kg):	0.0257	0.0672	0.0369	0.0000	0.0056	0.0000	0.0000

	C_{TCE} 0-2	C_{TCE} 6-10	C_{TCE} 10^+	D_{TCE} 0-2	D_{TCE} 2-6	D_{TCE} 10^+	E_{TCE} 2-6
TCE (µg/kg):	0.00	0.00	0.00	0.00	0.00	0.00	1.90
TCE (mg/kg):	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0019

Example Calculation

$$TCE_{(mg/kg)} = \left| \frac{25.67\ \mu g}{1\ kg} \right| \left| \frac{1\ mg}{1000\ \mu g} \right|$$

= 0.0257 mg_{TCE}/kg_{soil}

6. Calculate the total contaminated mass per interval in kg and lb:

	A_{TCE} 0-2	A_{TCE} 2-6	A_{TCE} 6-10	A_{TCE} 10^+	B_{TCE} 0-2	B_{TCE} 2-6
$volume_{soil}$ (ft^3):	45,000	90,000	90,000	90,000	95,000	30,000
$mass_{soil}$ (kg):	2,041,200	4,082,400	4,082,400	4,082,400	4,309,200	1,360,800
$mass_{soil}$ (lb):	4,496,035	8,992,070	8,992,070	8,992,070	9,491,630	2,997,357

	B_{TCE} 10^+	C_{TCE} 6-10	C_{TCE} 10^+	D_{TCE} 0-2	D_{TCE} 2-6	D_{TCE} 10^+
$volume_{soil}$ (ft^3):	120,000	120,000	120,000	60,000	285,000	285,000
$mass_{soil}$ (kg):	5,443,200	5,443,200	5,443,200	2,721,600	12,927,600	12,927,600
$mass_{soil}$ (lb):	11,989,427	11,989,427	11,989,427	5,994,714	28,474,890	28,474,890

	E_{TCE} 2-6
$volume_{soil}$ (ft^3):	15,000
$mass_{soil}$ (kg):	680,400
$mass_{soil}$ (lb):	1,498,678

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Calculations (Continued):

6. Calculate the total contaminated mass per interval in kg and lb (Continued):

Example Calculations:

$$A\text{-}TCE_{soil(kg)} = \frac{45{,}000\ ft^3}{} \cdot \frac{45.36\ kg}{1\ ft^3}$$

$$= 2{,}041{,}200\ kg$$

$$A\text{-}TCE_{soil(lb)} = \frac{95{,}000\ kg}{1} \cdot \frac{1\ lb}{0.454\ kg}$$

$$= 209{,}251\ lb$$

Calculations (Continued):

7. Calculate the TCE contaminated mass per interval in kg and lb:

	A_{TCE} 0-2	A_{TCE} 2-6	A_{TCE} 6-10	A_{TCE} 10^+	B_{TCE} 0-2	B_{TCE} 2-6
$mass_{soil}$ (kg):	2,041,200	4,082,400	4,082,400	4,082,400	4,309,200	1,360,800
TCE (mg/kg):	0.0257	0.0672	0.0369	0.0000	0.0056	0.0000
$mass_{TCE}$ (kg):	0.05	0.27	0.15	0.00	0.02	0.00
$mass_{TCE}$ (lb):	0.11	0.59	0.33	0.00	0.04	0.00

	B_{TCE} 10^+	C_{TCE} 6-10	C_{TCE} 10^+	D_{TCE} 0-2	D_{TCE} 2-6	B_{TCE} 10^+
$mass_{soil}$ (kg):	5,443,200	5,443,200	5,443,200	2,721,600	12,927,600	28,474,890
TCE (mg/kg):	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
$mass_{TCE}$ (kg):	0.00	0.00	0.00	0.00	0.00	0.00
$mass_{TCE}$ (lb):	0.00	0.00	0.00	0.00	0.00	0.00

	E_{TCE} 6-10	
$mass_{soil}$ (kg):	680,400	
TCE (mg/kg):	0.0019	TOTAL
$mass_{TCE}$ (kg):	0.001	0.5
$mass_{TCE}$ (lb):	0.002	1.07

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Calculations (Continued):

7. Calculate the TCE contaminated mass per interval in kg and lb (Continued):

Example Calculations:

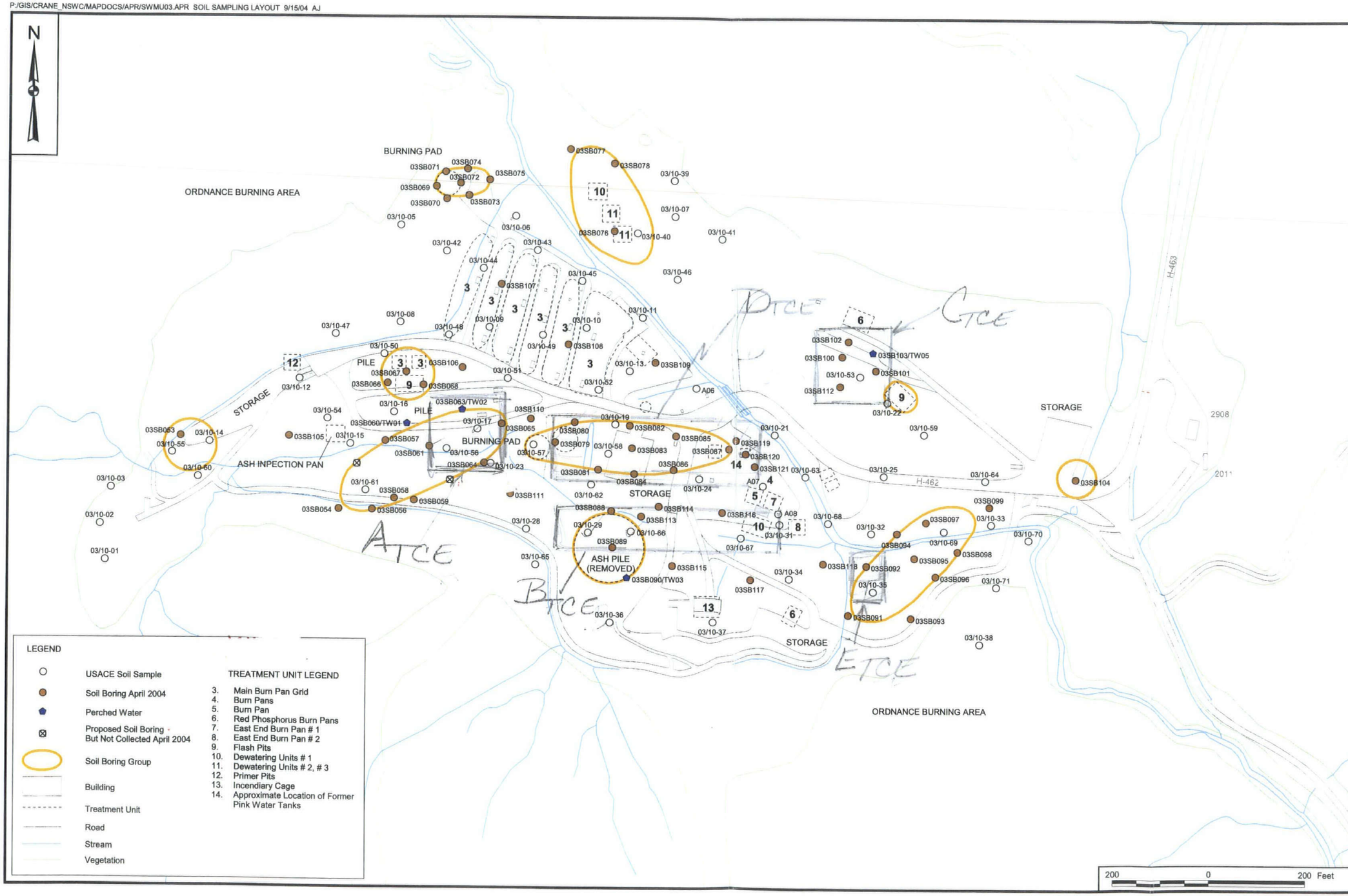
$$A\text{-}TCE_{TCE(kg)} = \frac{2{,}041{,}200\ kg_{soil}}{} \cdot \frac{0.0257\ mg_{TCE}}{1\ kg_{soil}} \cdot \frac{1\ mg}{1{,}000{,}000\ kg}$$

$$= 0.0525\ kg$$

$$A\text{-}TCE_{TCE(lb)} = \frac{0.0525\ kg}{} \cdot \frac{1\ lb}{0.454\ kg}$$

$$= 0.1156\ lb$$

P:/GIS/CRANE_NSWC/MAPDOCS/APR/SWMU03.APR SOIL SAMPLING LAYOUT 9/15/04 AJ



LEGEND

- USACE Soil Sample
- Soil Boring April 2004
- Perched Water
- Proposed Soil Boring But Not Collected April 2004
- Soil Boring Group
- Building
- Treatment Unit
- Road
- Stream
- Vegetation

TREATMENT UNIT LEGEND

3. Main Burn Pan Grid
4. Burn Pans
5. Burn Pan
6. Red Phosphorus Burn Pans
7. East End Burn Pan # 1
8. East End Burn Pan # 2
9. Flash Pits
10. Dewatering Units # 1
11. Dewatering Units # 2, # 3
12. Primer Pits
13. Incendiary Cage
14. Approximate Location of Former Pink Water Tanks

CONTRACT NO. N8383

APPROVED BY ___ DATE ___

APPROVED BY ___ DATE ___

DRAWING NO. FIGURE. 5.2-1

REV 0

SOIL SAMPLING LOCATIONS APRIL 2004
AMMUNITION BURNING GROUNDS MAIN TREATMENT AREA
SWMU 03 - AMMUNITION BURNING GROUNDS
FIELD WORK REPORT
NSWC CRANE
CRANE, INDIANA

DRAWN BY A. JANOCHA DATE 9/14/04

CHECKED BY J. LUCAS DATE 9/15/04

COST/SCHED-AREA

SCALE AS NOTED